

Converting Colors

XYZ(61.4727, 73.7046,
105.6087)

Have a look what the booklet for
XYZ(61.4727, 73.7046, 105.6087)
contains.

| | |
|--|----|
| XYZ(61.4686, 73.7046, 105.5944) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(61.4686, 73.7046,
105.5944)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9CEBFF |
| RGB | 156, 235, 255 |
| RGB Percent | 61%, 92%, 100% |
| CMY | 0.3882, 0.0784, 0.0000 |
| CMYK | 0.39, 0.08, 0.00, 0.00 |
| HSL | 192°, 100%, 81% |
| HSV | 192°, 39%, 100% |
| XYZ | 61.4686, 73.7046, 105.5944 |
| YIQ | 213.6590, -53.5040, -10.5280 |

Conversions

Conversions Part 2

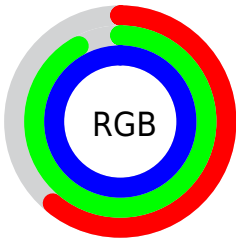
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 156, 200, 255 |
| Decimal | 10284031 |
| CIE Lab | 88.78, -19.26, -17.31 |
| CIE LCh | 89, 25.893, 221.941 |
| Yxy | 73.7046, 0.2553, 0.3061 |
| Android (android.graphics.Color) | 4288474111 (0xFF9CEBFF) |
| YUV | 213.6590, 20.3811, -50.5669 |
| Hunter-Lab | 85.8514, -22.4360, -12.8288 |

Details

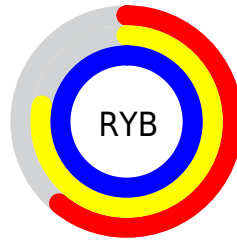
The XYZ color **61.4686, 73.7046, 105.5944** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **62.7664, 54.7111, 38.7064**, and the grayscale version is **63.5823, 66.8936, 72.8471**.

A 20% lighter version of the original color is **81.5416, 93.0361, 108.2678**, and **31.4587, 38.9701, 59.2900** is the 20% darker color. If you saturate the color by 10%, you get **55.5895, 68.5179, 104.9031**, and if you desaturate by 10%, it is **68.4302, 79.5162, 106.3492**.

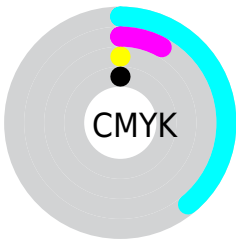
Distribution



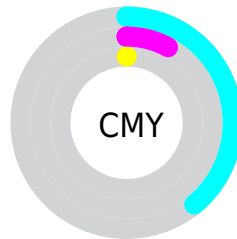
- Red (61%)
- Green (92%)
- Blue (100%)



- Red (61%)
- Yellow (78%)
- Blue (100%)



- Cyan (39%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4686, 73.7046, 105.5944 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 61.4686, 73.7046, 105.5944 by changing the saturation by 10% instead.

61.4686, 73.7046,
105.5944

61.4686, 73.7046,
105.5944

419.7386,
473.4532, 599.3830

44.8574, 54.5523,
80.3380

106.0514,
124.4770, 170.9428

31.5459, 39.0434,
59.4687

134.7538,
156.8658, 211.8719

21.1688, 26.7935,
42.5681

168.2172,
194.4357, 258.8624

13.3606, 17.4182,
29.2175

206.8072,
237.5709, 312.3326

7.7560, 10.5331,
18.9984

250.8889,
286.6558, 372.7013

3.9897, 5.7538,
11.4923

300.8278,

1.6963, 2.6960,

342.0749, 440.3869

6.2807

356.9893,
404.2126, 515.8079

■ 0.4540, 0.9751,
2.9450

■ 0.0000, 0.0000,
1.0666

■ 61.4686, 73.7046,
105.5944

■ 61.4686, 73.7046,
105.5944

■ 55.5895, 68.5179,
104.9031

■ 68.4302, 79.5162,
106.3492

■ 50.7211, 63.9134,
104.2710

■ 76.5282, 85.9758,
107.1693

■ 46.7924, 59.8556,
103.6948

■ 85.8201, 93.1153,
108.0576

■ 43.7199, 56.3010,
103.1706

95.0500, 100.0000,
108.9000

■ 41.4049, 53.1982,
102.6938

■ 39.7043, 50.4728,
102.2573

■ 39.5227, 50.1653,
102.2076

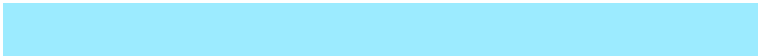
Harmonies

Analogous

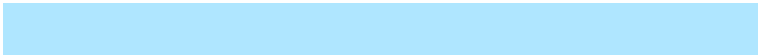
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.9149, 73.7046, 87.6051



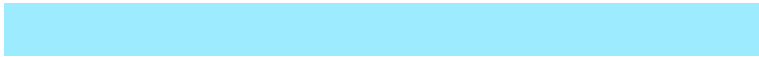
61.4686, 73.7046, 105.5944



66.3850, 73.7046, 117.7317

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.4686, 73.7046, 105.5944



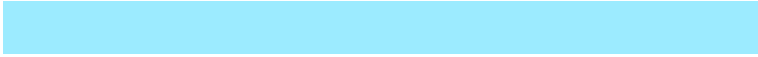
82.1448, 73.7046, 91.4309



67.5906, 73.7046, 51.0048

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



61.4686, 73.7046, 105.5944



62.7664, 54.7111, 38.7064

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.8558, 73.7046, 51.7126



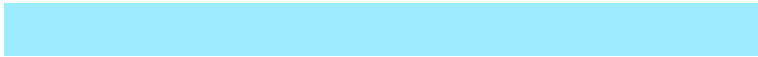
61.4686, 73.7046, 105.5944



82.5154, 73.7046, 73.3219

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.4686, 73.7046, 105.5944



78.4194, 73.7046, 108.7523



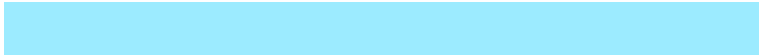
79.4038, 73.7046, 59.3277



62.3058, 73.7046, 57.2239

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.4686, 73.7046, 105.5944



70.4629, 73.7046, 119.9141



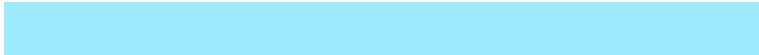
79.4038, 73.7046, 59.3277



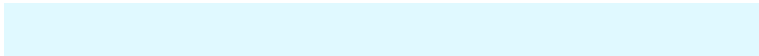
69.6467, 73.7046, 50.4693

Sweetspot

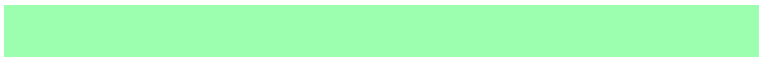
The Sweet Spot groups the original color and five complimentary colors.



61.4706, 73.7074, 105.5948



82.7344, 90.7709, 107.7677



57.2881, 81.7151, 53.7255



17.4448, 19.2269, 23.0417



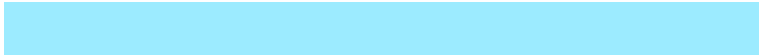
0.0000, 0.0000, 0.0000



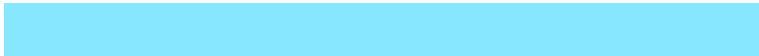
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.4706, 73.7074, 105.5948



56.5835, 69.4188, 105.0246



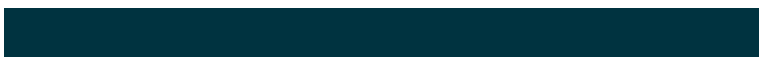
49.2575, 49.2811, 101.5238



18.2249, 19.8215, 23.1153



20.7607, 26.4309, 53.4421



2.0966, 2.7239, 5.2285

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



68.1252, 51.0367, 84.8609



64.3193, 44.3876, 80.6250



74.2478, 77.6739, 42.5336



18.6262, 18.2338, 21.9146



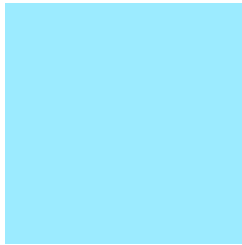
27.2672, 13.3962, 31.1213



2.6929, 1.3195, 3.2301

Previews

White Background



This preview shows how the XYZ color 61.4686, 73.7046, 105.5944 looks on a white background.

Color Contrast Check

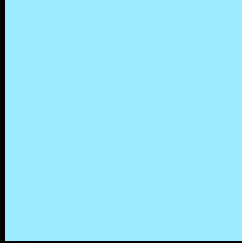
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 61.4686, 73.7046, 105.5944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.4686, 73.7046, 105.5944

Background



This preview shows how black text looks on a background with the XYZ color 61.4686, 73.7046, 105.5944.

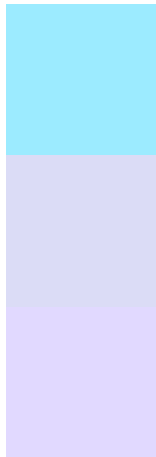


This preview shows how white text looks on a background with the XYZ color 61.4686, 73.7046,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

61.4686, 73.7046, 105.5944

Protanopia

71.4412, 72.9003, 97.4946

Deuteranopia

73.9142, 72.8533, 104.7741



Tritanopia

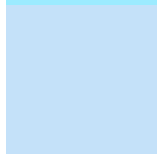
61.3080, 73.6403, 104.7487

Trichromacy



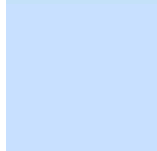
Original Color

61.4686, 73.7046, 105.5944



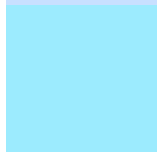
Protanomaly

66.7890, 72.4257, 100.0819



Deuteranomaly

68.5251, 72.8107, 105.0499



Tritanomaly

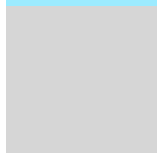
61.3080, 73.6403, 104.7487

Monochromacy



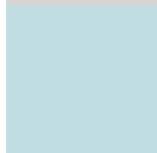
Original Color

61.4686, 73.7046, 105.5944



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

62.2565, 69.2372, 84.2116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4686, 73.7046, 105.5944 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(156, 235, 255)` looks like.

```
.text, #text, p{  
    color:rgb(156, 235, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(156, 235, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 235, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.4686, 73.7046, 105.5944 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 235, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(156, 235, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(156, 235, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 235, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 235, 255);  
box-shadow:4px 4px 4px 4px rgb(156, 235,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4686, 73.7046, 105.5944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 235, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(156,  
235, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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