

Converting Colors

XYZ(61.7560, 74.8546,
105.8012)

Have a look what the booklet for
XYZ(61.7560, 74.8546, 105.8012)
contains.

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Color

**XYZ(61.6606, 74.6584,
105.7684)**

Conversions

Conversions Part 1

Format	Color
Hex	9AEDFF
RGB	154, 237, 255
RGB Percent	60%, 93%, 100%
CMY	0.3961, 0.0706, 0.0000
CMYK	0.40, 0.07, 0.00, 0.00
HSL	191°, 100%, 80%
HSV	191°, 40%, 100%
XYZ	61.6606, 74.6584, 105.7684
YIQ	214.2350, -55.2460, -11.9980

Conversions

Conversions Part 2

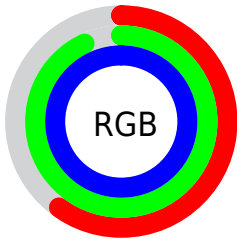
Format	Color
RYB	154, 200, 255
Decimal	10153471
CIELab	89.23, -20.75, -16.64
CIELCh	89, 26.597, 218.725
Yxy	74.6584, 0.2547, 0.3084
Android (android.graphics.Color)	4288343551 (0xFF9AEDFF)
YUV	214.2350, 20.0971, -52.8261
Hunter-Lab	86.4051, -23.8273, -12.0933

Details

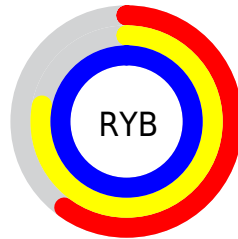
The XYZ color **61.6606, 74.6584, 105.7684** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **61.8257, 53.0984, 37.5642**, and the grayscale version is **63.9721, 67.3036, 73.2936**.

A 20% lighter version of the original color is **80.9614, 92.7370, 108.2407**, and **31.6467, 39.6664, 59.4145** is the 20% darker color. If you saturate the color by 10%, you get **56.0145, 69.8212, 105.1323**, and if you desaturate by 10%, it is **68.3749, 80.0993, 106.4647**.

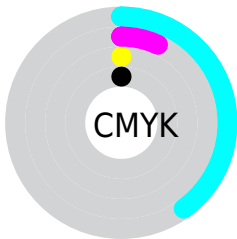
Distribution



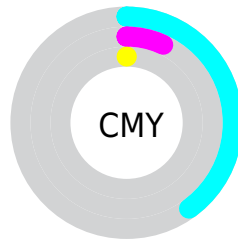
- Red (60%)
- Green (93%)
- Blue (100%)



- Red (60%)
- Yellow (78%)
- Blue (100%)



- Cyan (40%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6606, 74.6584, 105.7684 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 61.6606, 74.6584, 105.7684 by changing the saturation by 10% instead.

61.6606, 74.6584,
105.7684

61.6606, 74.6584,
105.7684

420.4293,
476.7426, 599.9365

45.0131, 55.3331,
80.4830

106.3276,
125.8287, 171.1827

31.6690, 39.6685,
59.5874

135.0777,
158.4425, 212.1487

21.2632, 27.2801,
42.6630

168.5928,
196.2545, 259.1787

13.4301, 17.7837,
29.2914

207.2381,
239.6492, 312.6911

7.8044, 10.7948,
19.0539

251.3791,
289.0110, 373.1046

4.0208, 5.9290,
11.5320

301.3810,

1.7139, 2.8020,

344.7242, 440.8376

6.3072

357.6093,
407.1733, 516.3087

■ 0.4649, 1.0292,
2.9610

■ 0.0000, 0.0000,
1.0747

■ 61.6606, 74.6584,
105.7684

■ 61.6606, 74.6584,
105.7684

■ 56.0145, 69.8212,
105.1323

■ 68.3749, 80.0993,
106.4647

■ 51.3645, 65.5448,
104.5520

■ 76.2117, 86.1670,
107.2229

■ 47.6389, 61.7937,
104.0243

■ 85.2286, 92.8932,
108.0459

■ 44.7534, 58.5242,
103.5453

95.0500, 100.0000,
108.9000

■ 42.6079, 55.6841,
103.1102

■ 41.0455, 53.1923,
102.7116

■ 40.9888, 53.0976,
102.6963

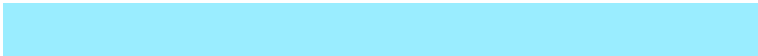
Harmonies

Analogous

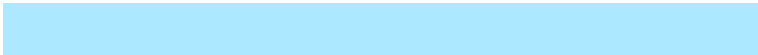
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.3234, 74.6584, 86.8345



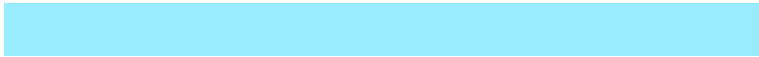
61.6606, 74.6584, 105.7684



66.5268, 74.6584, 119.3619

Triad

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



61.6606, 74.6584, 105.7684



83.2399, 74.6584, 94.9645



69.0839, 74.6584, 50.8268

Complementary

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



61.6606, 74.6584, 105.7684



61.8257, 53.0984, 37.5642

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.



75.5871, 74.6584, 52.3202



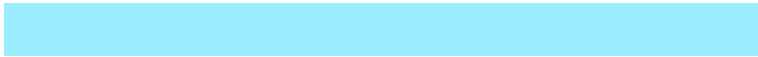
61.6606, 74.6584, 105.7684



84.0280, 74.6584, 75.9873

Square

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



61.6606, 74.6584, 105.7684



79.0595, 74.6584, 112.4926



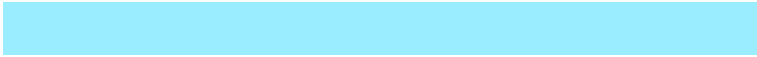
81.1516, 74.6584, 60.9141



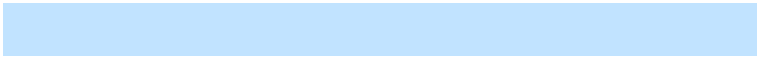
63.4345, 74.6584, 56.4676

Rectangle

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



61.6606, 74.6584, 105.7684



70.6831, 74.6584, 122.5256



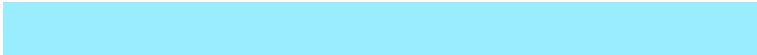
81.1516, 74.6584, 60.9141



71.2388, 74.6584, 50.5313

Sweetspot

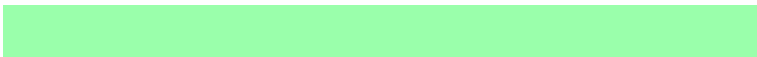
The Sweet Spot groups the original color and five complimentary colors.



61.6626, 74.6612, 105.7688



82.9598, 91.2216, 107.8428



56.4224, 81.3245, 51.1701



17.4981, 19.3335, 23.0594



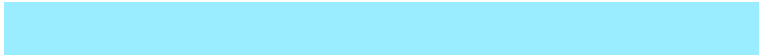
0.0000, 0.0000, 0.0000



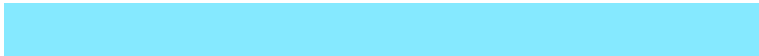
20.3446, 21.4041, 23.3091

Same Dimension

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



61.6626, 74.6612, 105.7688



56.8526, 70.5596, 105.2307



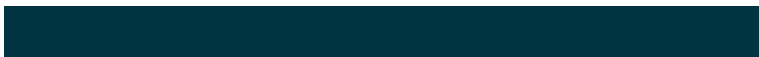
49.2900, 49.9159, 101.6446



18.2634, 19.8984, 23.1281



21.5176, 27.9449, 53.6944



2.1638, 2.8583, 5.2509

Inverse Universe

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



68.0830, 50.4873, 86.2806



64.3080, 43.8198, 82.3020



73.0180, 75.4831, 41.2950



18.6456, 18.2415, 22.0168



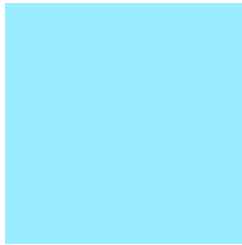
27.6493, 13.5490, 33.1334



2.7268, 1.3331, 3.4087

Previews

White Background



This preview shows how the XYZ color 61.6606, 74.6584, 105.7684 looks on a white background.

Color Contrast Check

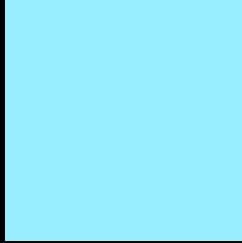
Large Text (above 18pt) WCAG AA × Fail

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 61.6606, 74.6584, 105.7684 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 61.6606, 74.6584, 105.7684

Background



This preview shows how black text looks on a background with the XYZ color 61.6606, 74.6584, 105.7684.

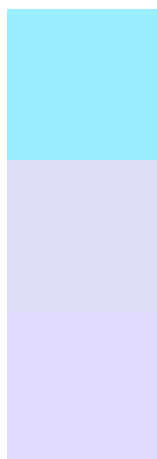


This preview shows how white text looks on a background with the XYZ color 61.6606, 74.6584,

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

61.6606, 74.6584, 105.7684

Protanopia

72.4215, 74.2073, 96.8926

Deuteranopia

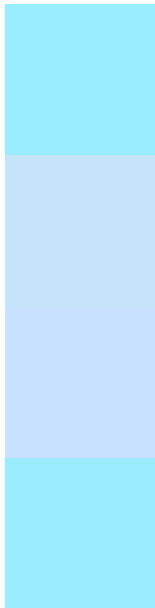
74.8000, 73.6937, 104.8897



Tritanopia

61.9501, 74.3790, 105.6992

Trichromacy



Original Color

61.6606, 74.6584, 105.7684

Protanomaly

67.5939, 73.6480, 100.2754

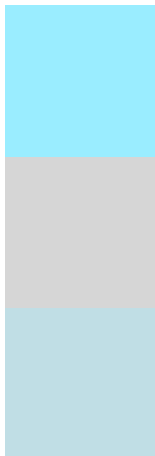
Deuteranomaly

68.7946, 73.3498, 105.1398

Tritanomaly

61.7558, 74.2788, 105.6901

Monochromacy



Original Color

61.6606, 74.6584, 105.7684

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.0024, 69.1062, 84.1997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6606, 74.6584, 105.7684 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(154, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(154, 237, 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(154, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 237, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.6606, 74.6584, 105.7684 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(154, 237, 255) }
```


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

```
.border{ border-color:rgb(154, 237, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 237, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(154, 237,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6606, 74.6584, 105.7684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 237, 255) }
```

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

```
.background{ background-color: rgb(154,  
237, 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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