

Converting Colors

XYZ(61.8700, 74.6539,
114.2760)

Have a look what the booklet for
XYZ(61.8700, 74.6539, 114.2760)
contains.

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Color

**XYZ(60.1882, 73.8994,
105.6995)**

Conversions

Conversions Part 1

Format	Color
Hex	92EDFF
RGB	146, 237, 255
RGB Percent	57%, 93%, 100%
CMY	0.4274, 0.0706, 0.0000
CMYK	0.43, 0.07, 0.00, 0.00
HSL	190°, 100%, 79%
HSV	190°, 43%, 100%
XYZ	60.1882, 73.8994, 105.6995
YIQ	211.8430, -60.0140, -13.6940

Conversions

Conversions Part 2

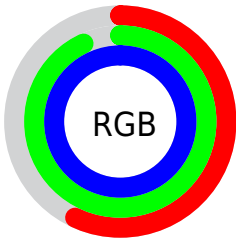
Format	Color
RYB	146, 196, 255
Decimal	9629183
CIELab	88.87, -22.68, -17.21
CIELCh	89, 28.473, 217.195
Yxy	73.8994, 0.2510, 0.3082
Android (android.graphics.Color)	4287819263 (0xFF92EDFF)
YUV	211.8430, 21.2764, -57.7443
Hunter-Lab	85.9648, -25.4616, -12.7257

Details

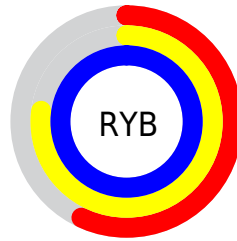
The XYZ color **60.1882, 73.8994, 105.6995** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **59.7041, 49.8864, 33.6782**, and the grayscale version is **62.3686, 65.6166, 71.4565**.

A 20% lighter version of the original color is **78.7118, 91.5774, 108.1354**, and **30.7414, 39.1997, 59.3721** is the 20% darker color. If you saturate the color by 10%, you get **54.9465, 69.4104, 105.1093**, and if you desaturate by 10%, it is **66.4734, 78.9722, 106.3474**.

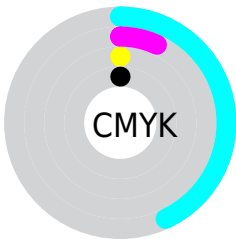
Distribution



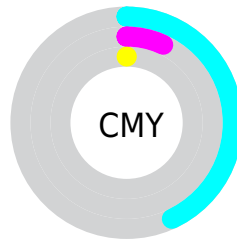
- Red (57%)
- Green (93%)
- Blue (100%)



- Red (57%)
- Yellow (77%)
- Blue (100%)



- Cyan (43%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (43%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1882, 73.8994, 105.6995 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 60.1882, 73.8994, 105.6995 by changing the saturation by 10% instead.

60.1882, 73.8994,
105.6995

60.1882, 73.8994,
105.6995

415.1148,
474.1261, 599.7174

43.8204, 54.7117,
80.4256

104.2074,
124.7532, 171.0877

30.7266, 39.1710,
59.5404

132.5895,
157.1881, 212.0391

20.5416, 26.8927,
42.6254

165.7071,
194.8075, 259.0534

12.8999, 17.4927,
29.2621

203.9256,
237.9958, 312.5492

7.4362, 10.5864,
19.0319

247.6102,
287.1374, 372.9449

3.7851, 5.7894,
11.5163

297.1264,

1.5813, 2.7175,

342.6167, 440.6591

6.2967

352.8394,
404.8182, 516.1104

■ 0.3802, 0.9861,
2.9546

■ 0.0000, 0.0000,
1.0715

■ 60.1882, 73.8994,
105.6995

■ 60.1882, 73.8994,
105.6995

■ 54.9465, 69.4104,
105.1093

■ 66.4734, 78.9722,
106.3474

■ 50.6740, 65.4617,
104.5723

■ 73.8581, 84.6529,
107.0547

■ 47.2963, 62.0160,
104.0853

■ 82.4011, 90.9738,
107.8244

■ 44.7250, 59.0277,
103.6440

■ 92.1556, 97.9625,
108.6593

■ 42.8528, 56.4412,
103.2434

95.0500, 100.0000,
108.9000

■ 41.8186, 54.7572,
102.9729

Harmonies

Analogous

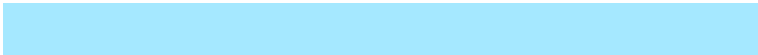
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.8770, 73.8994, 85.3191



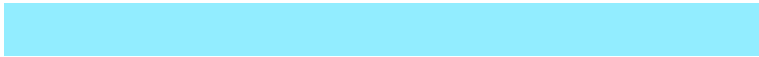
60.1882, 73.8994, 105.6995



65.2194, 73.8994, 120.8360

Triad

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



60.1882, 73.8994, 105.6995



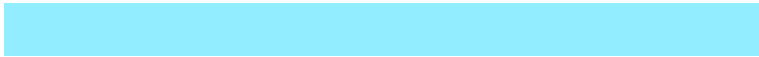
83.1982, 73.8994, 96.1144



68.5899, 73.8994, 48.3369

Complementary

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



60.1882, 73.8994, 105.6995



59.7041, 49.8864, 33.6782

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.



75.5101, 73.8994, 50.2643



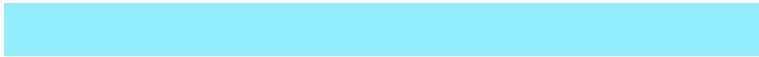
60.1882, 73.8994, 105.6995



84.2470, 73.8994, 75.7965

Square

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



60.1882, 73.8994, 105.6995



78.5721, 73.8994, 114.6998



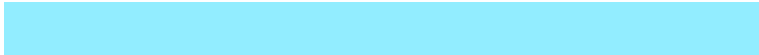
81.3511, 73.8994, 59.6031



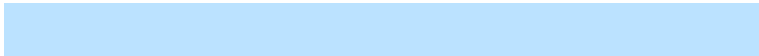
62.5173, 73.8994, 53.8241

Rectangle

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



60.1882, 73.8994, 105.6995



69.5916, 73.8994, 124.7136



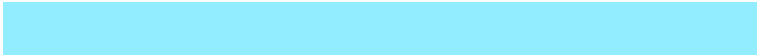
81.3511, 73.8994, 59.6031



70.8907, 73.8994, 48.1564

Sweetspot

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



60.1902, 73.9022, 105.6999



82.1670, 90.8034, 107.8039



54.1679, 80.2526, 46.9828



17.1631, 19.1257, 23.0370



0.0000, 0.0000, 0.0000



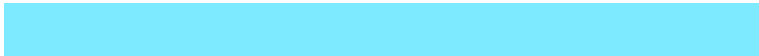
20.3446, 21.4041, 23.3091

Same Dimension

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



60.1902, 73.9022, 105.6999



55.7887, 70.1534, 105.2083



47.0771, 47.6759, 101.3289



18.2845, 19.9407, 23.1352



21.9458, 28.8011, 53.8371



2.2017, 2.9340, 5.2636

Inverse Universe

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



66.8062, 47.9338, 85.8550



63.3508, 41.8280, 82.2215



71.2032, 72.8847, 37.5112



18.6563, 18.2458, 22.0731



27.8654, 13.6355, 34.2714



2.7459, 1.3407, 3.5094

Previews

White Background



This preview shows how the XYZ color 60.1882, 73.8994, 105.6995 looks on a white background.

Color Contrast Check

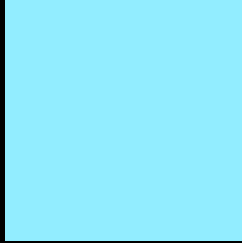
Large Text (above 18pt) WCAG AA × Fail

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 60.1882, 73.8994, 105.6995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

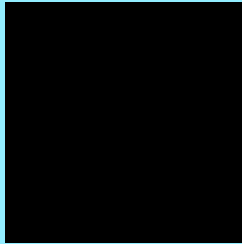
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.1882, 73.8994, 105.6995

Background



This preview shows how black text looks on a background with the XYZ color 60.1882, 73.8994, 105.6995.

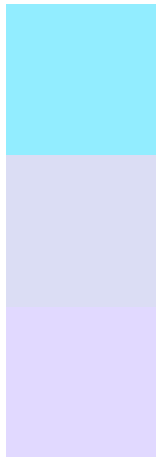


This preview shows how white text looks on a background with the XYZ color 60.1882, 73.8994,

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

60.1882, 73.8994, 105.6995

Protanopia

71.3990, 73.3046, 95.9740

Deuteranopia

73.9142, 72.8533, 104.7741



Tritanopia

60.4399, 73.6005, 105.6285

Trichromacy



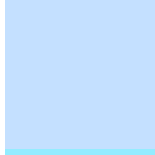
Original Color

60.1882, 73.8994, 105.6995



Protanomaly

66.1506, 72.9219, 99.3958



Deuteranomaly

67.4706, 72.2671, 105.0006



Tritanomaly

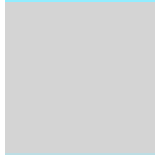
60.2582, 73.5068, 105.6200

Monochromacy



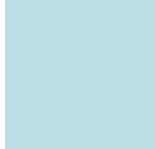
Original Color

60.1882, 73.8994, 105.6995



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

60.5991, 68.0057, 83.3313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1882, 73.8994, 105.6995 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(146, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(146, 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(146, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 237, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.1882, 73.8994, 105.6995 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(146, 237, 255) }
```


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

```
.border{ border-color:rgb(146, 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(146, 237, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(146, 237,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1882, 73.8994, 105.6995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 237, 255) }
```

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

```
.background{ background-color: rgb(146,  
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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