

Converting Colors

XYZ(60.2280, 74.3052, 97.3806)

Have a look what the booklet for
XYZ(60.2280, 74.3052, 97.3806)
contains.

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Color

**XYZ(60.0920, 74.0310,
97.5084)**

Conversions

Conversions Part 1

Format	Color
Hex	9AEDF5
RGB	154, 237, 245
RGB Percent	60%, 93%, 96%
CMY	0.3961, 0.0706, 0.0392
CMYK	0.37, 0.03, 0.00, 0.04
HSL	185°, 82%, 78%
HSV	185°, 37%, 96%
XYZ	60.0920, 74.0310, 97.5084
YIQ	213.0950, -52.0360, -15.1080

Conversions

Conversions Part 2

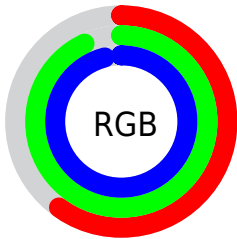
Format	Color
RYB	154, 197, 245
Decimal	10153461
CIELab	88.94, -23.18, -11.85
CIElCh	89, 26.032, 207.082
Yxy	74.0310, 0.2594, 0.3196
Android (android.graphics.Color)	4288343541 (0xFF9AEDF5)
YUV	213.0950, 15.7292, -51.8263
Hunter-Lab	86.0413, -25.9062, -6.9630

Details

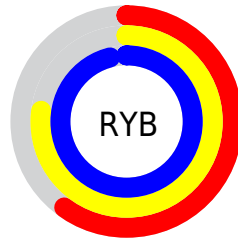
The XYZ color **60.0920, 74.0310, 97.5084** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **56.4103, 47.5869, 36.7855**, and the grayscale version is **63.2342, 66.5273, 72.4483**.

A 20% lighter version of the original color is **80.9614, 92.7370, 108.2407**, and **30.7462, 39.3185, 54.1129** is the 20% darker color. If you saturate the color by 10%, you get **55.2773, 70.6308, 97.1071**, and if you desaturate by 10%, it is **65.8702, 77.9426, 97.9601**.

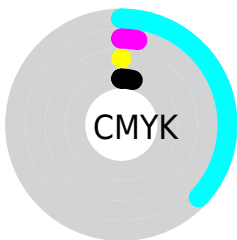
Distribution



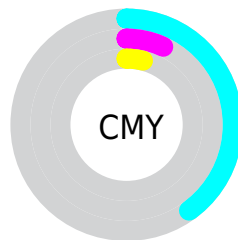
- Red (60%)
- Green (93%)
- Blue (96%)



- Red (60%)
- Yellow (77%)
- Blue (96%)



- Cyan (37%)
- Magenta (3%)
- Yellow (0%)
- Black (4%)





- Cyan (40%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0920, 74.0310, 97.5084 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 60.0920, 74.0310, 97.5084 by changing the saturation by 10% instead.


 60.0920, 74.0310,
97.5084


 60.0920, 74.0310,
97.5084


414.7661,
474.5804, 573.3528

 43.7425, 54.8194,
73.6161


 104.0687,
124.9398, 159.7508

 30.6652, 39.2572,
53.9850


 132.4266,
157.4057, 198.9380

 20.4946, 26.9598,
38.1966


165.5181,
195.0586, 244.0605

 12.8654, 17.5431,
25.8323

203.7085,
238.2827, 295.5370

 7.4123, 10.6224,
16.4736

247.3631,
287.4626, 353.7859

 3.7699, 5.8136,
9.7019

296.8474,

 1.5728, 2.7320,

342.9826, 419.2258

5.0988

352.5266,
405.2270, 492.2752

■ 0.3746, 0.9935,
2.2456

■ 0.0000, 0.0000,
0.7005

■ 60.0920, 74.0310,
97.5084

■ 60.0920, 74.0310,
97.5084

■ 55.2773, 70.6308,
97.1071

■ 65.8702, 77.9426,
97.9601

■ 51.3612, 67.7031,
96.7484

■ 72.6587, 82.3844,
98.4597

■ 48.2813, 65.2175,
96.4310

■ 80.5090, 87.3848,
99.0111

■ 45.9640, 63.1360,
96.1514

■ 89.4675, 92.9677,
99.6166

■ 44.3233, 61.4143,
95.9055

■ 91.2184, 94.8462,
99.8869

■ 43.2479, 59.9950,
95.6882

■ 91.8834, 96.1762,
100.1085

■ 42.9951, 59.6195,
95.6291

■ 92.5561, 97.5215,
100.3328

■ 93.2364, 98.8821,
100.5595

■ 93.4817, 99.3727,
100.6413

Harmonies

Analogous

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



58.9148, 74.0310, 78.8491



60.0920, 74.0310, 97.5084



63.9663, 74.0310, 113.4854

Triad

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



60.0920, 74.0310, 97.5084



81.0636, 74.0310, 101.0326



70.9845, 74.0310, 50.6121

Complementary

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



60.0920, 74.0310, 97.5084



56.4103, 47.5869, 36.7855

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.



77.1752, 74.0310, 54.7848



60.0920, 74.0310, 97.5084



83.2085, 74.0310, 82.3912

Square

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



60.0920, 74.0310, 97.5084



76.0416, 74.0310, 115.7247



81.7451, 74.0310, 65.7813



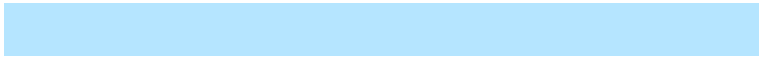
64.9767, 74.0310, 53.4271

Rectangle

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



60.0920, 74.0310, 97.5084



67.6831, 74.0310, 119.4996



81.7451, 74.0310, 65.7813



73.1153, 74.0310, 51.2272

Sweetspot

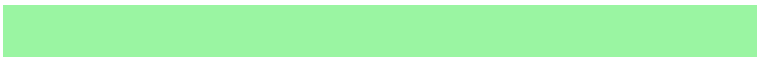
The Sweet Spot groups the original color and five complimentary colors.



60.0942, 74.0339, 97.5101



84.6914, 93.5000, 108.1913



52.4649, 74.7701, 45.6570



17.8759, 19.8528, 23.1398



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.



60.0942, 74.0339, 97.5101



61.5342, 78.0708, 106.4337



48.6407, 51.1269, 93.6923



16.8649, 18.4940, 21.2234



23.2144, 32.2225, 51.5341



2.0762, 2.9038, 4.5413

Inverse Universe

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



64.4996, 48.6398, 86.1130



67.1232, 46.6767, 91.7902



65.8234, 66.4132, 39.9232



17.1471, 16.7417, 20.5213



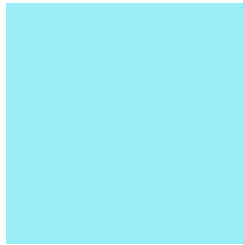
27.5220, 13.3523, 39.0530



2.4370, 1.1808, 3.5277

Previews

White Background



This preview shows how the XYZ color 60.0920, 74.0310, 97.5084 looks on a white background.

Color Contrast Check

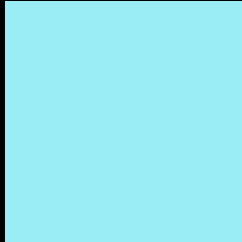
Large Text (above 18pt) WCAG AA × Fail

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 60.0920, 74.0310, 97.5084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

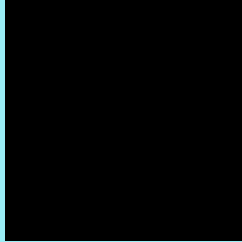
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.0920, 74.0310, 97.5084

Background



This preview shows how black text looks on a background with the XYZ color 60.0920, 74.0310, 97.5084.

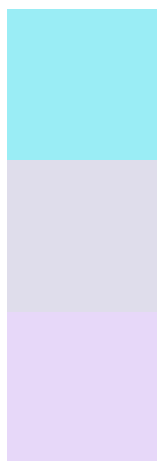


This preview shows how white text looks on a background with the XYZ color 60.0920, 74.0310,

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

60.0920, 74.0310, 97.5084

Protanopia

71.2833, 73.3990, 89.0077

Deuteranopia

74.6097, 72.9402, 99.7690



Tritanopia

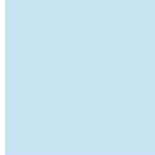
61.5951, 74.2146, 104.8444

Trichromacy



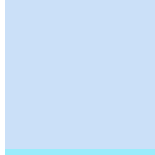
Original Color

60.0920, 74.0310, 97.5084



Protanomaly

66.3378, 73.1759, 92.2893



Deuteranomaly

68.2275, 72.7851, 99.2599



Tritanomaly

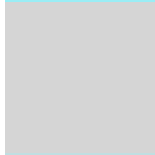
60.9256, 73.9245, 102.3245

Monochromacy



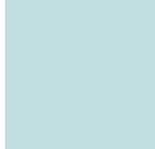
Original Color

60.0920, 74.0310, 97.5084



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

61.4501, 68.8853, 81.2916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0920, 74.0310, 97.5084 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(154, 237, 245)  
}
```

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, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 237, 245) }
```

Border

The CSS property to change the border of an element to XYZ 60.0920, 74.0310, 97.5084 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, 245) }
```


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

```
.border{ border-color:rgb(154, 237, 245) }
```

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, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 237, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 237, 245);  
box-shadow:4px 4px 4px 4px rgb(154, 237,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0920, 74.0310, 97.5084 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, 245) }
```

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

```
.background{ background-color: rgb(154,  
237, 245) }
```

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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