

Converting Colors

XYZ(60.3434, 74.7315, 95.3295)

Have a look what the booklet for
XYZ(60.3434, 74.7315, 95.3295)
contains.

XYZ(60.3118, 74.6278, 95.2302)	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(60.3118, 74.6278,
95.2302)**

Conversions

Conversions Part 1

Format	Color
Hex	9CEE2
RGB	156, 238, 242
RGB Percent	61%, 93%, 95%
CMY	0.3882, 0.0666, 0.0510
CMYK	0.36, 0.02, 0.00, 0.05
HSL	183°, 77%, 78%
HSV	183°, 36%, 95%
XYZ	60.3118, 74.6278, 95.2302
YIQ	213.9380, -50.1560, -16.1400

Conversions

Conversions Part 2

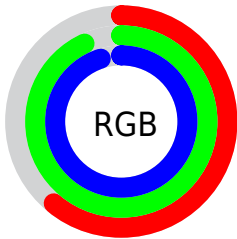
Format	Color
RYB	156, 198, 242
Decimal	10284786
CIELab	89.22, -23.87, -9.85
CIElCh	89, 25.822, 202.433
Yxy	74.6278, 0.2620, 0.3242
Android (android.graphics.Color)	4288474866 (0xFF9CEE2)
YUV	213.9380, 13.8346, -50.8116
Hunter-Lab	86.3874, -26.5572, -4.8879

Details

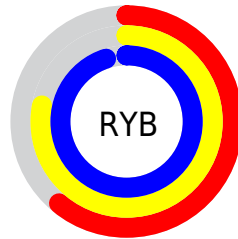
The XYZ color **60.3118, 74.6278, 95.2302** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **55.1905, 46.4198, 37.5051**, and the grayscale version is **63.8107, 67.1338, 73.1087**.

A 20% lighter version of the original color is **81.2506, 92.8861, 108.2542**, and **30.8464, 39.7104, 52.4935** is the 20% darker color. If you saturate the color by 10%, you get **55.7615, 71.7992, 94.9253**, and if you desaturate by 10%, it is **65.8014, 77.9473, 95.5829**.

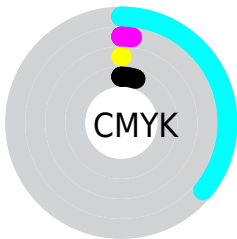
Distribution



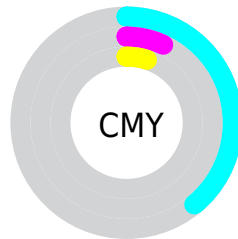
- Red (61%)
- Green (93%)
- Blue (95%)



- Red (61%)
- Yellow (78%)
- Blue (95%)



- Cyan (36%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (39%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3118, 74.6278, 95.2302 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 60.3118, 74.6278, 95.2302 by changing the saturation by 10% instead.

60.3118, 74.6278,
95.2302

60.3118, 74.6278,
95.2302

415.5624,
476.6373, 565.9048

43.9204, 55.3080,
71.7286

104.3856,
125.7854, 156.5809

30.8056, 39.6484,
52.4516

132.7988,
158.3919, 195.2671

20.6020, 27.2645,
36.9804

165.9499,
196.1962, 239.8520

12.9442, 17.7720,
24.8967

204.2043,
239.5826, 290.7541

7.4668, 10.7864,
15.7818

247.9274,
288.9355, 348.3918

3.8046, 5.9234,
9.2172

297.4846,

1.5922, 2.7986,

344.6394, 413.1838

4.7844

353.2412,
407.0785, 485.5487

0.3873, 1.0275,
2.0648

0.0000, 0.0000,
0.5947

60.3118, 74.6278,
95.2302

60.3118, 74.6278,
95.2302

55.7615, 71.7992,
94.9253

65.8014, 77.9473,
95.5829

52.0883, 69.4239,
94.6605

72.2748, 81.7752,
95.9805

49.2326, 67.4732,
94.4344

79.7817, 86.1389,
96.4272

47.1250, 65.9111,
94.2440

88.3662, 91.0613,
96.9248

■ 45.6842, 64.6957,
94.0854

■ 89.5063, 92.1489,
97.0747

■ 44.8101, 63.7755,
93.9538

■ 89.8451, 92.8266,
97.1876

■ 44.5341, 63.4247,
93.9006

■ 90.1860, 93.5084,
97.3012

■ 90.5289, 94.1943,
97.4156

■ 90.8740, 94.8844,
97.5306

Harmonies

Analogous

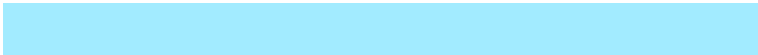
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.5865, 74.6278, 76.7730



60.3118, 74.6278, 95.2302



63.7983, 74.6278, 111.9798

Triad

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



60.3118, 74.6278, 95.2302



80.9747, 74.6278, 104.3008



72.5389, 74.6278, 51.4861

Complementary

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



60.3118, 74.6278, 95.2302



55.1905, 46.4198, 37.5051

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.



78.5775, 74.6278, 56.7402



60.3118, 74.6278, 95.2302



83.6321, 74.6278, 85.9123

Square

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



60.3118, 74.6278, 95.2302



75.6560, 74.6278, 117.7339



82.7299, 74.6278, 68.7222



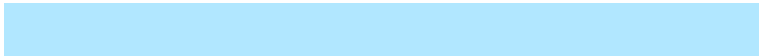
66.4078, 74.6278, 53.2193

Rectangle

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



60.3118, 74.6278, 95.2302



67.3373, 74.6278, 119.0289



82.7299, 74.6278, 68.7222



74.6514, 74.6278, 52.4630

Sweetspot

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



60.3140, 74.6308, 95.2319



85.0583, 94.2337, 108.3136



51.7103, 73.0722, 44.1207



17.9640, 20.0290, 23.1691



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.



60.3140, 74.6308, 95.2319



63.9444, 81.5828, 106.9846



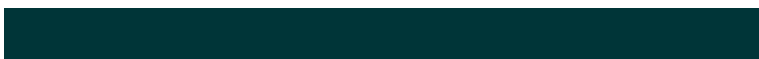
49.5088, 53.0204, 91.6302



16.1807, 17.7956, 20.3037



23.9527, 34.1296, 50.4531



2.0119, 2.8778, 4.2037

Inverse Universe

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



63.9408, 48.8289, 86.9471



68.6591, 48.5140, 96.1085



63.7094, 63.4576, 40.3447



16.4207, 16.0180, 19.7715



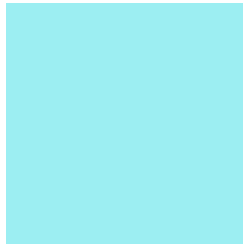
27.4158, 13.2388, 41.7019



2.2905, 1.1052, 3.5205

Previews

White Background



This preview shows how the XYZ color 60.3118, 74.6278, 95.2302 looks on a white background.

Color Contrast Check

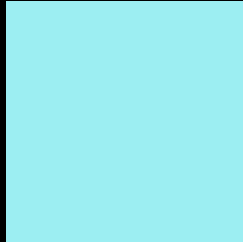
Large Text (above 18pt) WCAG AA × Fail

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 60.3118, 74.6278, 95.2302 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

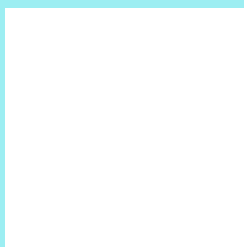
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.3118, 74.6278, 95.2302

Background



This preview shows how black text looks on a background with the XYZ color 60.3118, 74.6278, 95.2302.

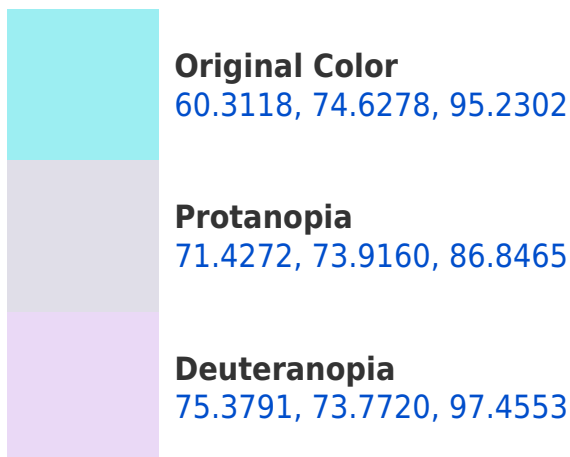


This preview shows how white text looks on a background with the XYZ color 60.3118, 74.6278,

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





Tritanopia

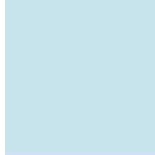
62.3435, 74.5818, 105.7176

Trichromacy



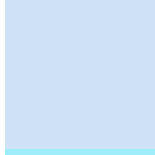
Original Color

60.3118, 74.6278, 95.2302



Protanomaly

66.4369, 73.6850, 90.0779



Deuteranomaly

68.8602, 73.5648, 96.9563



Tritanomaly

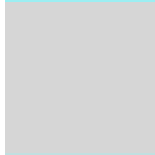
61.6401, 74.7396, 101.6199

Monochromacy



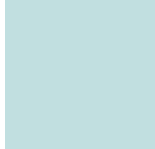
Original Color

60.3118, 74.6278, 95.2302



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

61.8345, 69.4946, 80.6758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3118, 74.6278, 95.2302 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, 238, 242)` looks like.

```
.text, #text, p{  
    color:rgb(156, 238, 242)  
}
```

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, 238, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 238, 242) }
```

Border

The CSS property to change the border of an element to XYZ 60.3118, 74.6278, 95.2302 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, 238, 242) }
```


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

```
.border{ border-color:rgb(156, 238, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 238, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 238, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 238, 242);  
box-shadow:4px 4px 4px 4px rgb(156, 238,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3118, 74.6278, 95.2302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 238, 242) }
```

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

```
.background{ background-color: rgb(156,  
238, 242) }
```

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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