

Converting Colors

XYZ(31.9974, 36.0088, 55.3089)

Have a look what the booklet for
XYZ(31.9974, 36.0088, 55.3089)
contains.

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Color

**XYZ(31.9373, 35.8788,
55.1112)**

Conversions

Conversions Part 1

Format	Color
Hex	7EA7C0
RGB	126, 167, 192
RGB Percent	49%, 65%, 75%
CMY	0.5059, 0.3451, 0.2471
CMYK	0.34, 0.13, 0.00, 0.25
HSL	203°, 34%, 62%
HSV	203°, 34%, 75%
XYZ	31.9373, 35.8788, 55.1112
YIQ	157.5910, -32.4610, -0.9170

Conversions

Conversions Part 2

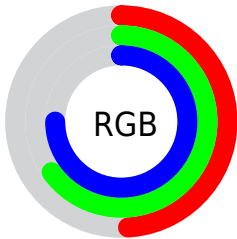
Format	Color
RYB	126, 151, 192
Decimal	8300480
CIELab	66.43, -7.68, -17.27
CIELCh	66, 18.904, 246.024
Yxy	35.8788, 0.2598, 0.2919
Android (android.graphics.Color)	4286490560 (0xFF7EA7C0)
YUV	157.5910, 16.9636, -27.7053
Hunter-Lab	59.8989, -9.6493, -12.6217

Details

The XYZ color **31.9373, 35.8788, 55.1112** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **36.5713, 34.8465, 24.5381**, and the grayscale version is **32.2514, 33.9310, 36.9508**.

A 20% lighter version of the original color is **61.8869, 68.7232, 98.8100**, and **13.5422, 15.5523, 26.3329** is the 20% darker color. If you saturate the color by 10%, you get **28.0784, 31.9677, 54.5603**, and if you desaturate by 10%, it is **36.4167, 40.2227, 55.7142**.

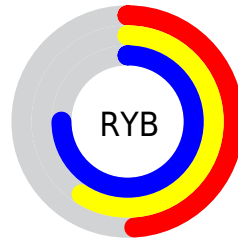
Distribution



Red (49%)

Green (65%)

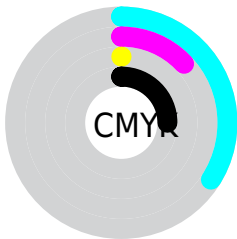
Blue (75%)



Red (49%)

Yellow (59%)

Blue (75%)

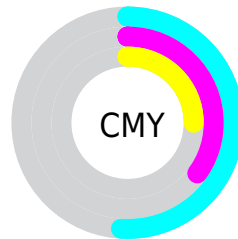


Cyan (34%)

Magenta (13%)

Yellow (0%)

Black (25%)



Cyan (51%)

Magenta (35%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.9373, 35.8788, 55.1112 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 31.9373, 35.8788, 55.1112 by changing the saturation by 10% instead.

■ 31.9373, 35.8788,
55.1112

■ 31.9373, 35.8788,
55.1112

302.5839,
328.4305, 423.6271

■ 21.4689, 24.3406,
39.0916

■ 62.0786, 68.8450,
99.1766

■ 13.5816, 15.5865,
26.5226

■ 82.4823, 91.0417,
128.0595

■ 7.9100, 9.2320,
16.9857

■ 106.9285,
117.5601, 162.0672

■ 4.0887, 4.8928,
10.0625

135.7825,
148.7845, 201.6183

■ 1.7525, 2.1845,
5.3342

169.4097,
185.0994, 247.1313

■ 0.4888, 0.7115,
2.3825

208.1754,

■ 0.0000, 0.0000,

226.8891, 299.0247

0.7769

252.4450,
274.5380, 357.7172

■ 0.0000, 0.0000,
0.0000

■ 31.9373, 35.8788,
55.1112

■ 31.9373, 35.8788,
55.1112

■ 28.0784, 31.9677,
54.5603

■ 36.4167, 40.2227,
55.7142

■ 24.8043, 28.4667,
54.0571

■ 41.5432, 45.0123,
56.3685

■ 22.0804, 25.3570,
53.6004

■ 47.3457, 50.2651,
57.0765

■ 19.8670, 22.6160,
53.1880

■ 53.8504, 55.9963,
57.8399

■ 18.1182, 20.2183,
52.8174

■ 61.0820, 62.2204,
58.6602

■ 16.7788, 18.1332,
52.4855

■ 69.0639, 68.9509,
59.5386

■ 16.1444, 17.0656,
52.3129

■ 75.8025, 75.1618,
60.3822

■ 77.7290, 79.0147,
61.0244

■ 79.7392, 83.0352,
61.6945

Harmonies

Analogous

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



29.8861, 35.8788, 48.9701



31.9373, 35.8788, 55.1112



34.6761, 35.8788, 56.7101

Triad

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



31.9373, 35.8788, 55.1112



39.8064, 35.8788, 37.4527



30.9996, 35.8788, 27.7656

Complementary

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



31.9373, 35.8788, 55.1112



36.5713, 34.8465, 24.5381

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.



33.5337, 35.8788, 25.5232



31.9373, 35.8788, 55.1112



38.6962, 35.8788, 30.5962

Square

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



31.9373, 35.8788, 55.1112



39.3210, 35.8788, 45.7492



36.3618, 35.8788, 26.4830



29.3660, 35.8788, 33.0674

Rectangle

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



31.9373, 35.8788, 55.1112



36.5461, 35.8788, 54.8156



36.3618, 35.8788, 26.4830



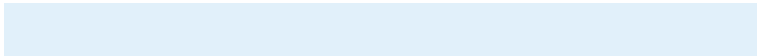
31.7688, 35.8788, 26.6651

Sweetspot

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



31.9384, 35.8802, 55.1120



79.5511, 85.4653, 102.6640



32.9758, 44.3441, 35.7608



16.7525, 18.0498, 21.9863



92.9021, 97.7402, 106.4391



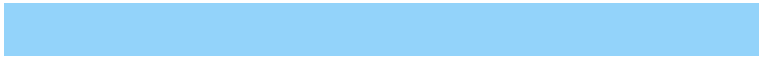
19.4759, 20.4902, 22.3138

Same Dimension

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



31.9384, 35.8802, 55.1120



52.6686, 59.7739, 99.1219



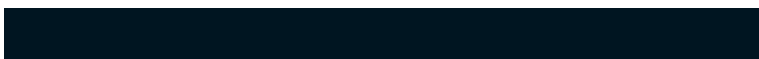
26.7556, 25.5145, 53.3844



10.0377, 10.7667, 12.8340



10.9403, 11.6371, 35.2262



0.5374, 0.6322, 1.5436

Inverse Universe

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



36.1750, 28.9192, 40.2360



61.6603, 46.0181, 67.3210



42.4796, 46.6631, 26.5076



10.3303, 10.1807, 11.8300



16.9181, 8.4570, 12.7468



0.7636, 0.3785, 0.7227

Previews

White Background



This preview shows how the XYZ color 31.9373, 35.8788, 55.1112 looks on a white background.

Color Contrast Check

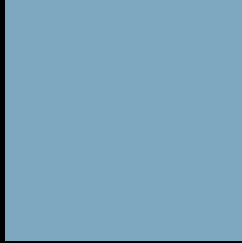
Large Text (above 18pt) WCAG AA × Fail

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 31.9373, 35.8788, 55.1112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

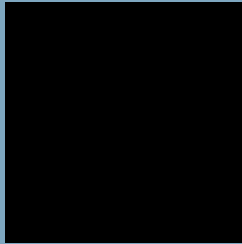
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.9373, 35.8788, 55.1112

Background



This preview shows how black text looks on a background with the XYZ color 31.9373, 35.8788, 55.1112.



This preview shows how white text looks on a background with the XYZ color 31.9373, 35.8788,

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

31.9373, 35.8788, 55.1112

Protanopia

35.2507, 35.7974, 52.0654

Deuteranopia

36.2918, 35.4826, 55.9750



Tritanopia

30.9436, 36.0384, 49.5812

Trichromacy



Original Color

31.9373, 35.8788, 55.1112

Protanomaly

33.9596, 35.8883, 53.2814

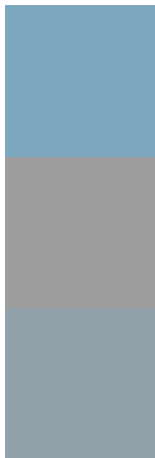
Deuteranomaly

34.5833, 35.6359, 55.5078

Tritanomaly

31.3230, 35.9104, 51.7349

Monochromacy



Original Color

31.9373, 35.8788, 55.1112

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.8546, 34.5030, 43.0110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9373, 35.8788, 55.1112 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(126, 167, 192)` looks like.

```
.text, #text, p{  
    color:rgb(126, 167, 192)  
}
```

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(126, 167, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 167, 192) }
```

Border

The CSS property to change the border of an element to XYZ 31.9373, 35.8788, 55.1112 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(126, 167, 192) }
```


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

```
.border{ border-color:rgb(126, 167, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 167, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 167, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 167, 192);  
box-shadow:4px 4px 4px 4px rgb(126, 167,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9373, 35.8788, 55.1112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 167, 192) }
```

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

```
.background{ background-color: rgb(126,  
167, 192) }
```

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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