

Converting Colors

XYZ(32.0112, 37.7941, 59.0339)

Have a look what the booklet for
XYZ(32.0112, 37.7941, 59.0339)
contains.

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Color

**XYZ(32.0112, 37.7941,
59.0339)**

Conversions

Conversions Part 1

Format	Color
Hex	70AEC6
RGB	112, 174, 198
RGB Percent	44%, 68%, 78%
CMY	0.5608, 0.3176, 0.2235
CMYK	0.43, 0.12, 0.00, 0.22
HSL	197°, 43%, 61%
HSV	197°, 43%, 78%
XYZ	32.0112, 37.7941, 59.0339
YIQ	158.1980, -44.6560, -5.6800

Conversions

Conversions Part 2

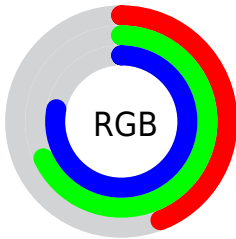
Format	Color
R _Y B	112, 148, 198
Decimal	7384774
CIE Lab	67.87, -13.63, -18.48
CIE LCh	68, 22.963, 233.600
Yxy	37.7941, 0.2485, 0.2933
Android (android.graphics.Color)	4285574854 (0xFF70AEC6)
YUV	158.1980, 19.6224, -40.5156
Hunter-Lab	61.4769, -14.6391, -13.9001

Details

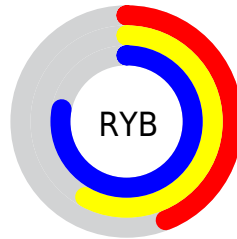
The XYZ color **32.0112, 37.7941, 59.0339** is a light color, and the websafe version is hex **669999**. A complement of this color would be **35.0182, 30.7847, 19.4267**, and the grayscale version is **32.5185, 34.2120, 37.2569**.

A 20% lighter version of the original color is **62.2832, 72.0291, 105.2281**, and **13.6809, 16.8025, 28.9077** is the 20% darker color. If you saturate the color by 10%, you get **28.7182, 34.5451, 58.5810**, and if you desaturate by 10%, it is **35.9045, 41.4194, 59.5291**.

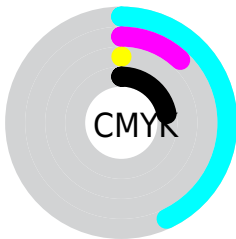
Distribution



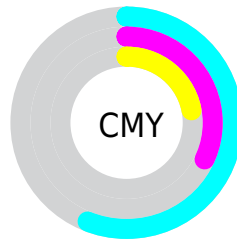
- Red (44%)
- Green (68%)
- Blue (78%)



- Red (44%)
- Yellow (58%)
- Blue (78%)



- Cyan (43%)
- Magenta (12%)
- Yellow (0%)
- Black (22%)



- Cyan (56%)
- Magenta (32%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0112, 37.7941, 59.0339 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 32.0112, 37.7941, 59.0339 by changing the saturation by 10% instead.

■ 32.0112, 37.7941,
59.0339

■ 32.0112, 37.7941,
59.0339

302.9147,
336.7359, 438.7329

■ 21.5256, 25.8229,
42.2202

■ 62.1937, 71.7924,
104.9565

■ 13.6234, 16.6912,
28.9469

■ 82.6214, 94.5884,
134.9026

■ 7.9392, 10.0146,
18.7954

■ 107.0938,
121.7614, 170.0631

■ 4.1075, 5.4086,
11.3472

135.9764,
153.6958, 210.8568

■ 1.7631, 2.4890,
6.1838

169.6343,
190.7761, 257.7021

■ 0.4953, 0.8711,
2.8866

208.4332,

■ 0.0000, 0.0000,

233.3866, 311.0175

1.0370

252.7381,
281.9117, 371.2216

■ 0.0000, 0.0000,
0.0000

■ 32.0112, 37.7941,
59.0339

■ 32.0112, 37.7941,
59.0339

■ 28.7182, 34.5451,
58.5810

■ 35.9045, 41.4194,
59.5291

■ 25.9846, 31.6480,
58.1659

■ 40.4283, 45.4349,
60.0658

■ 23.7700, 29.0822,
57.7874

■ 45.6151, 49.8589,
60.6463

■ 22.0264, 26.8220,
57.4430

■ 51.4939, 54.7071,
61.2723

■ 20.6962, 24.8369,
57.1299

■ 58.0921, 59.9943,
61.9450

■ 19.9778, 23.6465,
56.9380

■ 65.4355, 65.7345,
62.6660

■ 73.5484, 71.9410,
63.4363

■ 76.5580, 75.5868,
63.9814

■ 78.0166, 78.5041,
64.4676

Harmonies

Analogous

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



30.0074, 37.7941, 49.5097



32.0112, 37.7941, 59.0339



35.1645, 37.7941, 63.8701

Triad

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



32.0112, 37.7941, 59.0339



43.1633, 37.7941, 43.3755



33.2507, 37.7941, 25.6739

Complementary

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



32.0112, 37.7941, 59.0339



35.0182, 30.7847, 19.4267

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.



36.6906, 37.7941, 24.5817



32.0112, 37.7941, 59.0339



42.5672, 37.7941, 33.7910

Square

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



32.0112, 37.7941, 59.0339



41.7185, 37.7941, 53.9158



40.1394, 37.7941, 27.3027



30.6892, 37.7941, 30.5795

Rectangle

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



32.0112, 37.7941, 59.0339



37.5560, 37.7941, 63.2987



40.1394, 37.7941, 27.3027



34.3364, 37.7941, 24.8862

Sweetspot

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



32.0124, 37.7956, 59.0348



81.0078, 88.4850, 107.4175



31.2456, 45.5811, 30.0494



16.8748, 18.5492, 22.9409



0.0000, 0.0000, 0.0000



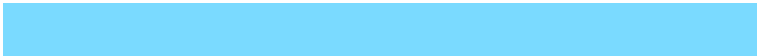
20.3446, 21.4041, 23.3091

Same Dimension

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



32.0124, 37.7956, 59.0348



51.2035, 61.5282, 103.7852



25.1365, 24.0437, 56.7428



10.6869, 11.5478, 13.5832



13.0670, 15.5280, 37.0529



0.6775, 0.8528, 1.7740

Inverse Universe

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



36.7239, 26.6512, 43.2546



60.9033, 40.3393, 70.9041



42.1213, 44.9908, 21.7944



10.9520, 10.7642, 12.7304



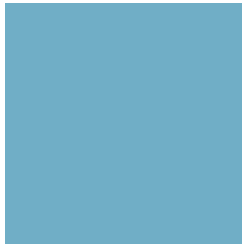
18.3950, 9.1076, 17.8216



0.9007, 0.4431, 1.0000

Previews

White Background



This preview shows how the XYZ color 32.0112, 37.7941, 59.0339 looks on a white background.

Color Contrast Check

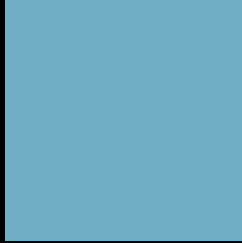
Large Text (above 18pt) WCAG AA × Fail

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 32.0112, 37.7941, 59.0339 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 32.0112, 37.7941, 59.0339

Background



This preview shows how black text looks on a background with the XYZ color 32.0112, 37.7941, 59.0339.



This preview shows how white text looks on a background with the XYZ color 32.0112, 37.7941,

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

32.0112, 37.7941, 59.0339

Protanopia

36.9984, 37.4296, 54.5648

Deuteranopia

38.3917, 37.4933, 60.4718



Tritanopia

31.0546, 37.6926, 54.3539

Trichromacy



Original Color

32.0112, 37.7941, 59.0339

Protanomaly

34.8840, 37.3721, 56.4139

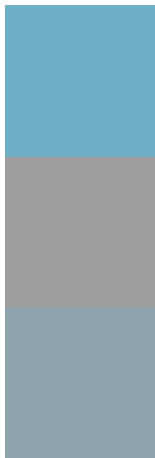
Deuteranomaly

35.5631, 37.3719, 59.9827

Tritanomaly

31.5112, 37.8897, 56.1047

Monochromacy



Original Color

32.0112, 37.7941, 59.0339

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.8028, 35.2308, 44.6592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0112, 37.7941, 59.0339 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(112, 174, 198)` looks like.

```
.text, #text, p{  
    color:rgb(112, 174, 198)  
}
```

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(112, 174, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 174, 198) }
```

Border

The CSS property to change the border of an element to XYZ 32.0112, 37.7941, 59.0339 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(112, 174, 198) }
```


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

```
.border{ border-color:rgb(112, 174, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 174, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 174, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 174, 198);  
box-shadow:4px 4px 4px 4px rgb(112, 174,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0112, 37.7941, 59.0339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 174, 198) }
```

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

```
.background{ background-color: rgb(112,  
174, 198) }
```

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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