

Converting Colors

XYZ(24.4072, 31.8688, 39.0106)

Have a look what the booklet for
XYZ(24.4072, 31.8688, 39.0106)
contains.

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Color

**XYZ(24.3904, 31.7942,
39.0338)**

Conversions

Conversions Part 1

Format	Color
Hex	5CA5A2
RGB	92, 165, 162
RGB Percent	36%, 65%, 64%
CMY	0.6392, 0.3529, 0.3647
CMYK	0.44, 0.00, 0.02, 0.35
HSL	178°, 29%, 50%
HSV	178°, 44%, 65%
XYZ	24.3904, 31.7942, 39.0338
YIQ	142.8310, -42.5450, -16.4090

Conversions

Conversions Part 2

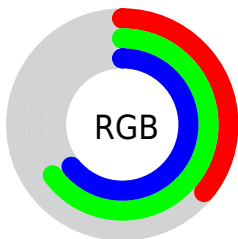
Format	Color
RYB	92, 129, 165
Decimal	6071714
CIELab	63.17, -23.53, -5.57
CIElCh	63, 24.178, 193.326
Yxy	31.7942, 0.2562, 0.3339
Android (android.graphics.Color)	4284261794 (0xFF5CA5A2)
YUV	142.8310, 9.4503, -44.5788
Hunter-Lab	56.3863, -21.4644, -1.5734

Details

The XYZ color **24.3904, 31.7942, 39.0338** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.4109, 16.4809, 12.8804**, and the grayscale version is **26.0175, 27.3725, 29.8086**.

A 20% lighter version of the original color is **50.1502, 62.3992, 75.0467**, and **9.4472, 13.3111, 16.8232** is the 20% darker color. If you saturate the color by 10%, you get **22.8584, 31.0121, 38.6488**, and if you desaturate by 10%, it is **26.2836, 32.7640, 39.4388**.

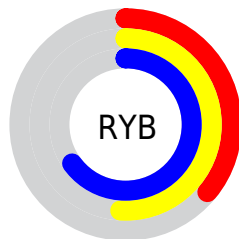
Distribution



Red (36%)

Green (65%)

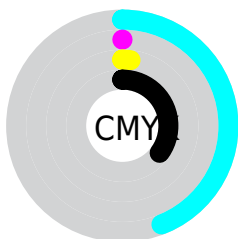
Blue (64%)



Red (36%)

Yellow (51%)

Blue (65%)

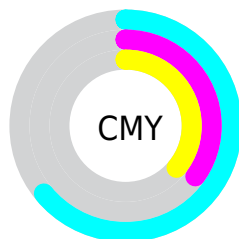


Cyan (44%)

Magenta (0%)

Yellow (2%)

Black (35%)



Cyan (64%)

Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3904, 31.7942, 39.0338 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 24.3904, 31.7942, 39.0338 by changing the saturation by 10% instead.

■ 24.3904, 31.7942,
39.0338

■ 24.3904, 31.7942,
39.0338

267.1923,
310.1807, 357.4644

■ 15.7498, 21.2044,
26.4780

■ 50.1166, 62.4883,
74.9109

■ 9.4370, 13.2735,
16.9526

■ 67.9328, 83.3614,
99.0692

■ 5.0867, 7.6171,
10.0391

■ 89.5384, 108.4310,
127.9321

■ 2.3335, 3.8509,
5.3189

■ 115.2985,
138.0815, 161.9182

■ 0.8117, 1.5905,
2.3736

145.5786,
172.6973, 201.4459

■ 0.0000, 0.3512,
0.7720

180.7440,

■ 0.0000, 0.0000,

212.6629, 246.9338

0.0000

221.1602,
258.3625, 298.8005

■ 24.3904, 31.7942,
39.0338

■ 24.3904, 31.7942,
39.0338

■ 22.8584, 31.0121,
38.6488

■ 26.2836, 32.7640,
39.4388

■ 21.6611, 30.4018,
38.2804

■ 28.5567, 33.9288,
39.8626

■ 20.7733, 29.9510,
37.9283

■ 31.2303, 35.3000,
40.3068

■ 20.1647, 29.6441,
37.5909

■ 34.3228, 36.8871,
40.7724

■ 19.7987, 29.4622,
37.2665

■ 37.8514, 38.6990,
41.2601

■ 19.6460, 29.3874,
37.0832

■ 41.8324, 40.7442,
41.7706

■ 46.2813, 43.0304,
42.3048

■ 51.2127, 45.5654,
42.8632

■ 56.6408, 48.3564,
43.4467

Harmonies

Analogous

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



24.4747, 31.7942, 29.6042



24.3904, 31.7942, 39.0338



25.7837, 31.7942, 48.8361

Triad

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



24.3904, 31.7942, 39.0338



34.8442, 31.7942, 49.7982



32.1001, 31.7942, 19.8178

Complementary

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



24.3904, 31.7942, 39.0338



21.4109, 16.4809, 12.8804

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.



35.1368, 31.7942, 23.4686



24.3904, 31.7942, 39.0338



36.7994, 31.7942, 40.1692

Square

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



24.3904, 31.7942, 39.0338



31.7242, 31.7942, 55.7803



36.9102, 31.7942, 30.5493



28.7630, 31.7942, 19.6267

Rectangle

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



24.3904, 31.7942, 39.0338



27.4268, 31.7942, 53.7944



36.9102, 31.7942, 30.5493



33.1955, 31.7942, 20.6456

Sweetspot

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



24.3913, 31.7954, 39.0345



56.4503, 63.4848, 72.2660



20.1751, 30.1521, 14.8827



12.1032, 13.7570, 15.7612



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



24.3913, 31.7954, 39.0345



41.0022, 55.5722, 69.2330



19.4779, 21.5363, 38.7290



7.2635, 8.0062, 8.9992



14.8665, 22.2329, 28.0773



0.3160, 0.4686, 0.6089

Inverse Universe

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



21.4109, 16.4809, 12.8804



34.9795, 24.5974, 16.3611



24.7646, 23.4025, 13.3380



7.0850, 7.0905, 7.4342



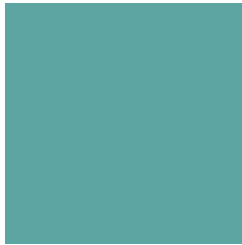
11.7716, 6.0647, 0.7218



0.2507, 0.1288, 0.0327

Previews

White Background



This preview shows how the XYZ color 24.3904, 31.7942, 39.0338 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 24.3904, 31.7942, 39.0338 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

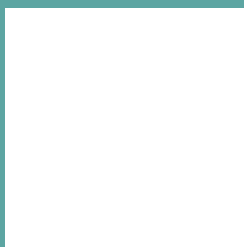
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.3904, 31.7942, 39.0338

Background



This preview shows how black text looks on a background with the XYZ color 24.3904, 31.7942, 39.0338.

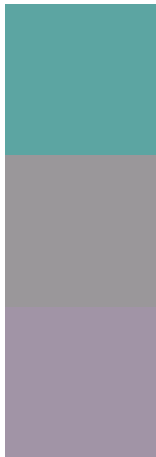


This preview shows how white text looks on a background with the XYZ color 24.3904, 31.7942,

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

24.3904, 31.7942, 39.0338

Protanopia

30.2258, 31.3363, 35.0273

Deuteranopia

32.1708, 31.5100, 40.4629



Tritanopia

25.7575, 31.8158, 45.8578

Trichromacy



Original Color

24.3904, 31.7942, 39.0338

Protanomaly

27.3343, 31.0365, 36.4483

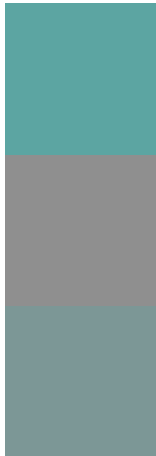
Deuteranomaly

28.5005, 31.0621, 40.0908

Tritanomaly

25.3455, 31.9241, 43.3542

Monochromacy



Original Color

24.3904, 31.7942, 39.0338

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

24.8838, 28.6203, 33.0669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3904, 31.7942, 39.0338 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(92, 165, 162)` looks like.

```
.text, #text, p{  
    color:rgb(92, 165, 162)  
}
```

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(92, 165, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 165, 162) }
```

Border

The CSS property to change the border of an element to XYZ 24.3904, 31.7942, 39.0338 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(92, 165, 162) }
```


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

```
.border{ border-color:rgb(92, 165, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 165, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 165, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 165, 162);  
box-shadow:4px 4px 4px 4px rgb(92, 165,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3904, 31.7942, 39.0338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 165, 162) }
```

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

```
.background{ background-color: rgb(92, 165,  
162) }
```

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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