

Converting Colors

XYZ(24.5868, 30.9023, 39.8071)

Have a look what the booklet for
XYZ(24.5868, 30.9023, 39.8071)
contains.

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Color

**XYZ(24.4827, 30.7667,
39.7702)**

Conversions

Conversions Part 1

Format	Color
Hex	62A1A4
RGB	98, 161, 164
RGB Percent	38%, 63%, 64%
CMY	0.6157, 0.3686, 0.3569
CMYK	0.40, 0.02, 0.00, 0.36
HSL	183°, 27%, 51%
HSV	183°, 40%, 64%
XYZ	24.4827, 30.7667, 39.7702
YIQ	142.5050, -38.5110, -12.4230

Conversions

Conversions Part 2

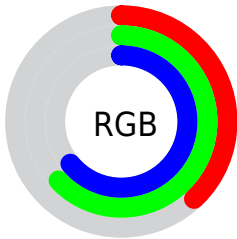
Format	Color
R _Y B	98, 130, 164
Decimal	6463908
CIE Lab	62.31, -19.41, -7.95
CIE LCh	62, 20.974, 202.266
Yxy	30.7667, 0.2577, 0.3238
Android (android.graphics.Color)	4284653988 (0xFF62A1A4)
YUV	142.5050, 10.5970, -39.0309
Hunter-Lab	55.4677, -18.2811, -3.6833

Details

The XYZ color **24.4827, 30.7667, 39.7702** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.1687, 18.0822, 13.8778**, and the grayscale version is **25.8822, 27.2301, 29.6536**.

A 20% lighter version of the original color is **50.2909, 60.9016, 76.1224**, and **9.4320, 12.6426, 17.2724** is the 20% darker color. If you saturate the color by 10%, you get **22.7617, 29.6875, 39.6531**, and if you desaturate by 10%, it is **26.5689, 32.0368, 39.9059**.

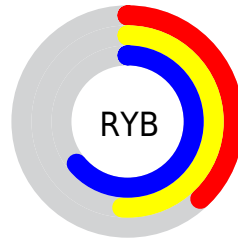
Distribution



Red (38%)

Green (63%)

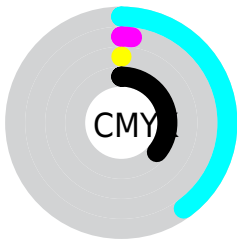
Blue (64%)



Red (38%)

Yellow (51%)

Blue (64%)

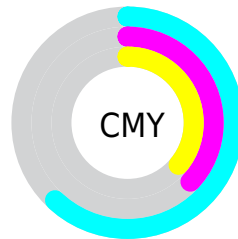


Cyan (40%)

Magenta (2%)

Yellow (0%)

Black (36%)



Cyan (62%)

Magenta (37%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4827, 30.7667, 39.7702 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 24.4827, 30.7667, 39.7702 by changing the saturation by 10% instead.

■ 24.4827, 30.7667,
39.7702

■ 24.4827, 30.7667,
39.7702

267.6473,
305.4621, 360.6773

■ 15.8187, 20.4213,
27.0470

■ 50.2657, 60.8726,
76.0467

■ 9.4860, 12.7016,
17.3758

■ 68.1155, 81.4018,
100.4371

■ 5.1192, 7.2234,
10.3380

■ 89.7579, 106.0944,
129.5536

■ 2.3528, 3.6022,
5.5151

■ 115.5584,
135.3348, 163.8148

■ 0.8215, 1.4536,
2.4886

145.8822,
169.5074, 203.6393

■ 0.0000, 0.2558,
0.8341

181.0947,

■ 0.0000, 0.0000,

208.9965, 249.4455

0.0000

221.5613,
254.1866, 301.6520

■ 24.4827, 30.7667,
39.7702

■ 24.4827, 30.7667,
39.7702

■ 22.7617, 29.6875,
39.6531

■ 26.5689, 32.0368,
39.9059

■ 21.3808, 28.7840,
39.5515

■ 29.0379, 33.5046,
40.0591

■ 20.3162, 28.0448,
39.4649


■ 31.9096, 35.1812,
40.2314

■ 19.5399, 27.4553,
39.3921


■ 35.2015, 37.0757,
40.4235


■ 19.0186, 26.9984,
39.3314


■ 38.9303, 39.1964,
40.6364

 18.6820, 26.6424,
39.2804

 43.1117, 41.5517,
40.8706

 47.7606, 44.1491,
41.1269

 52.8912, 46.9960,
41.4060

 58.5171, 50.0995,
41.7085

Harmonies

Analogous

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



24.1670, 30.7667, 31.4425



24.4827, 30.7667, 39.7702



26.0320, 30.7667, 47.4254

Triad

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



24.4827, 30.7667, 39.7702



33.7693, 30.7667, 43.9909



29.9825, 30.7667, 20.2891

Complementary

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



24.4827, 30.7667, 39.7702



22.1687, 18.0822, 13.8778

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.



32.7073, 30.7667, 22.6077



24.4827, 30.7667, 39.7702



34.9838, 30.7667, 35.6447

Square

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



24.4827, 30.7667, 39.7702



31.3574, 30.7667, 50.1237



34.5831, 30.7667, 27.9256



27.2256, 30.7667, 21.0296

Rectangle

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



24.4827, 30.7667, 39.7702



27.6137, 30.7667, 50.6782



34.5831, 30.7667, 27.9256



30.9348, 30.7667, 20.7215

Sweetspot

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



24.4836, 30.7679, 39.7709



56.8270, 63.2244, 72.9608



20.6231, 30.0722, 16.8257



12.2806, 13.7390, 15.9422



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.



24.4836, 30.7679, 39.7709



41.6976, 54.1306, 72.0029



19.5625, 20.9256, 38.1305



7.2484, 7.9558, 9.0567



14.3338, 20.4470, 30.1210



0.3090, 0.4453, 0.6355

Inverse Universe

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



26.1113, 19.2019, 36.0496



45.0906, 30.4088, 64.1584



25.9301, 25.6050, 15.1316



7.3504, 7.1966, 8.8314



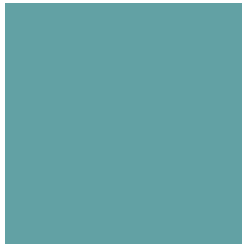
16.3805, 7.9083, 24.9921



0.3481, 0.1678, 0.5459

Previews

White Background



This preview shows how the XYZ color 24.4827, 30.7667, 39.7702 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 24.4827, 30.7667, 39.7702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

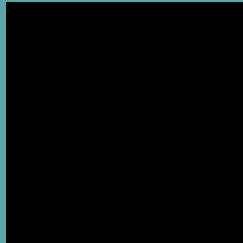
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.4827, 30.7667, 39.7702

Background



This preview shows how black text looks on a background with the XYZ color 24.4827, 30.7667, 39.7702.

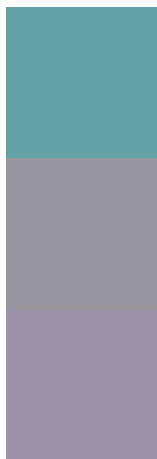


This preview shows how white text looks on a background with the XYZ color 24.4827, 30.7667,

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

24.4827, 30.7667, 39.7702

Protanopia

29.5957, 30.5085, 36.2272

Deuteranopia

30.9642, 30.4157, 40.7980



Tritanopia

25.3692, 30.8681, 44.1562

Trichromacy



Original Color

24.4827, 30.7667, 39.7702

Protanomaly

27.2521, 30.2261, 37.6556

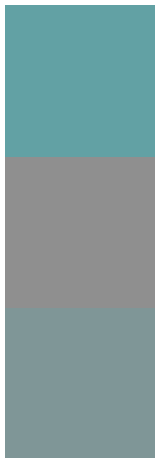
Deuteranomaly

27.9412, 30.0373, 40.4015

Tritanomaly

24.9721, 30.6965, 42.6391

Monochromacy



Original Color

24.4827, 30.7667, 39.7702

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.2447, 28.5591, 33.4601

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4827, 30.7667, 39.7702 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(98, 161, 164)` looks like.

```
.text, #text, p{  
    color:rgb(98, 161, 164)  
}
```

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(98, 161, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 161, 164) }
```

Border

The CSS property to change the border of an element to XYZ 24.4827, 30.7667, 39.7702 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(98, 161, 164) }
```


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

```
.border{ border-color:rgb(98, 161, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 161, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 161, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 161, 164);  
box-shadow:4px 4px 4px 4px rgb(98, 161,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4827, 30.7667, 39.7702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 161, 164) }
```

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

```
.background{ background-color: rgb(98, 161,  
164) }
```

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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