

Converting Colors

XYZ(24.4445, 31.5758, 38.0641)

Have a look what the booklet for
XYZ(24.4445, 31.5758, 38.0641)
contains.

XYZ(24.4445, 31.5758, 38.0641)	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(24.4445, 31.5758,
38.0641)**

Conversions

Conversions Part 1

Format	Color
Hex	60A4A0
RGB	96, 164, 160
RGB Percent	38%, 64%, 63%
CMY	0.6235, 0.3569, 0.3725
CMYK	0.41, 0.00, 0.02, 0.36
HSL	176°, 27%, 51%
HSV	176°, 41%, 64%
XYZ	24.4445, 31.5758, 38.0641
YIQ	143.2120, -39.2440, -15.6600

Conversions

Conversions Part 2

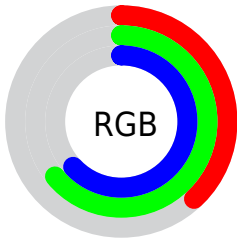
Format	Color
RYB	96, 131, 164
Decimal	6333600
CIELab	62.99, -22.51, -4.70
CIELCh	63, 22.994, 191.793
Yxy	31.5758, 0.2598, 0.3356
Android (android.graphics.Color)	4284523680 (0xFF60A4A0)
YUV	143.2120, 8.2765, -41.4049
Hunter-Lab	56.1923, -20.6865, -0.8278

Details

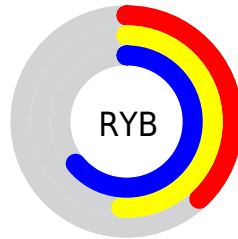
The XYZ color **24.4445, 31.5758, 38.0641** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.7941, 17.1793, 14.2250**, and the grayscale version is **26.1731, 27.5361, 29.9868**.

A 20% lighter version of the original color is **50.1749, 62.0534, 73.6230**, and **9.5093, 13.1847, 16.5117** is the 20% darker color. If you saturate the color by 10%, you get **22.8119, 30.7447, 37.5493**, and if you desaturate by 10%, it is **26.4395, 32.5953, 38.6007**.

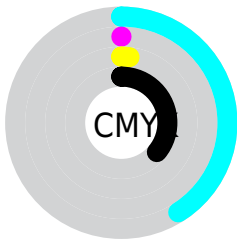
Distribution



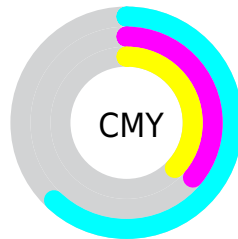
- Red (38%)
- Green (64%)
- Blue (63%)



- Red (38%)
- Yellow (51%)
- Blue (64%)



- Cyan (41%)
- Magenta (0%)
- Yellow (2%)
- Black (36%)



- Cyan (62%)
- Magenta (36%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4445, 31.5758, 38.0641 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 24.4445, 31.5758, 38.0641 by changing the saturation by 10% instead.

■ 24.4445, 31.5758,
38.0641

■ 24.4445, 31.5758,
38.0641

267.4590,
309.1823, 353.2013

■ 15.7902, 21.0377,
25.7302

■ 50.2040, 62.1455,
73.4109

■ 9.4657, 13.1516,
16.3980

■ 68.0399, 82.9459,
97.2609

■ 5.1057, 7.5330,
9.6488

■ 89.6671, 107.9358,
125.7867

■ 2.3448, 3.7976,
5.0642

■ 115.4508,
137.4996, 159.4068

■ 0.8174, 1.5610,
2.2256

145.7566,
172.0218, 198.5397

■ 0.0000, 0.3311,
0.6891

180.9496,

■ 0.0000, 0.0000,

211.8867, 243.6041

0.0000

221.3953,
257.4788, 295.0185

■ 24.4445, 31.5758,
38.0641

■ 24.4445, 31.5758,
38.0641

■ 22.8119, 30.7447,
37.5493

■ 26.4395, 32.5953,
38.6007

■ 21.5165, 30.0865,
37.0530

■ 28.8149, 33.8099,
39.1578

■ 20.5340, 29.5896,
36.5748


■ 31.5906, 35.2309,
39.7370


■ 19.8359, 29.2392,
36.1132


■ 34.7843, 36.8673,
40.3393


■ 19.3883, 29.0178,
35.6668


■ 38.4129, 38.7278,
40.9654

 19.1381, 28.8968,
35.2945

 42.4920, 40.8205,
41.6161

 47.0367, 43.1531,
42.2920

 52.0613, 45.7331,
42.9938

 57.5796, 48.5674,
43.7222

Harmonies

Analogous

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



24.5984, 31.5758, 29.2217



24.4445, 31.5758, 38.0641



25.7029, 31.5758, 47.3412

Triad

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



24.4445, 31.5758, 38.0641



34.2493, 31.5758, 49.0667



31.9520, 31.5758, 20.3496

Complementary

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



24.4445, 31.5758, 38.0641



21.7941, 17.1793, 14.2250

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.



34.7773, 31.5758, 24.0319



24.4445, 31.5758, 38.0641



36.1664, 31.5758, 40.1137

Square

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



24.4445, 31.5758, 38.0641



31.2718, 31.5758, 54.3998



36.3662, 31.5758, 30.9429



28.7862, 31.5758, 19.9962

Rectangle

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



24.4445, 31.5758, 38.0641



27.2286, 31.5758, 52.1235



36.3662, 31.5758, 30.9429



32.9785, 31.5758, 21.2045

Sweetspot

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



24.4454, 31.5770, 38.0648



56.9292, 63.7371, 72.0449



20.7025, 30.1366, 15.7928



12.3052, 13.8622, 15.7222



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.



24.4454, 31.5770, 38.0648



41.5452, 55.8754, 68.2036



20.1247, 22.3662, 38.3798



7.2580, 8.0040, 8.9705



14.6797, 22.1582, 27.0936



0.3135, 0.4676, 0.5959

Inverse Universe

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



21.7941, 17.1793, 14.2250



36.0615, 26.0639, 18.8721



24.8151, 23.5238, 14.2996



7.0899, 7.0924, 7.4598



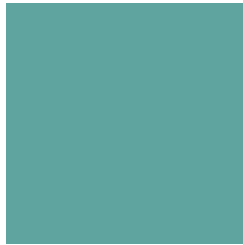
11.7857, 6.0703, 0.7961



0.2524, 0.1295, 0.0418

Previews

White Background



This preview shows how the XYZ color 24.4445, 31.5758, 38.0641 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 24.4445, 31.5758, 38.0641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

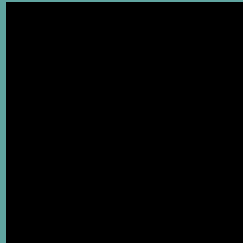
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.4445, 31.5758, 38.0641

Background



This preview shows how black text looks on a background with the XYZ color 24.4445, 31.5758, 38.0641.

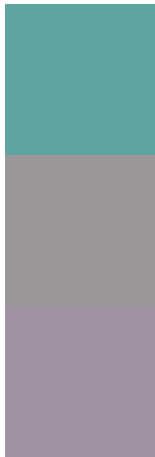


This preview shows how white text looks on a background with the XYZ color 24.4445, 31.5758,

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

24.4445, 31.5758, 38.0641

Protanopia

30.0605, 31.2702, 34.1572

Deuteranopia

31.8325, 31.1248, 39.4519



Tritanopia

25.9137, 31.6451, 45.2998

Trichromacy



Original Color

24.4445, 31.5758, 38.0641

Protanomaly

27.4777, 31.1300, 35.5708

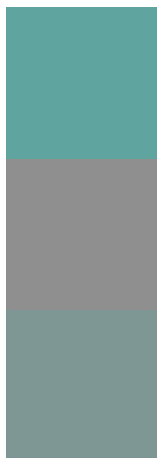
Deuteranomaly

28.3186, 30.7452, 39.0922

Tritanomaly

25.4985, 31.7493, 42.8145

Monochromacy



Original Color

24.4445, 31.5758, 38.0641

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.0956, 28.7388, 32.6582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4445, 31.5758, 38.0641 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(96, 164, 160)` looks like.

```
.text, #text, p{  
    color:rgb(96, 164, 160)  
}
```

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(96, 164, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 164, 160) }
```

Border

The CSS property to change the border of an element to XYZ 24.4445, 31.5758, 38.0641 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(96, 164, 160) }
```


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

```
.border{ border-color:rgb(96, 164, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 164, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 164, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 164, 160);  
box-shadow:4px 4px 4px 4px rgb(96, 164,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4445, 31.5758, 38.0641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 164, 160) }
```

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

```
.background{ background-color: rgb(96, 164,  
160) }
```

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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