

Converting Colors

XYZ(20.0670, 25.4844, 31.9989)

Have a look what the booklet for
XYZ(20.0670, 25.4844, 31.9989)
contains.

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Color

**XYZ(20.0550, 25.4418,
31.8707)**

Conversions

Conversions Part 1

Format	Color
Hex	599494
RGB	89, 148, 148
RGB Percent	35%, 58%, 58%
CMY	0.6510, 0.4196, 0.4196
CMYK	0.40, 0.00, 0.00, 0.42
HSL	180°, 25%, 46%
HSV	180°, 40%, 58%
XYZ	20.0550, 25.4418, 31.8707
YIQ	130.3590, -35.1640, -12.5080

Conversions

Conversions Part 2

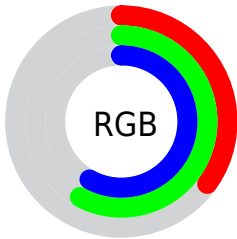
Format	Color
R_{YB}	89, 119, 148
Decimal	5870740
CIE _{Lab}	57.50, -19.16, -6.06
CIE _{LCh}	58, 20.094, 197.561
Y _{xy}	25.4418, 0.2592, 0.3288
Android (android.graphics.Color)	4284060820 (0xFF599494)
YUV	130.3590, 8.6970, -36.2718
Hunter-Lab	50.4399, -17.2978, -2.1548

Details

The XYZ color **20.0550, 25.4418, 31.8707** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.5891, 14.1626, 11.2587**, and the grayscale version is **21.3249, 22.4355, 24.4322**.

A 20% lighter version of the original color is **42.9365, 52.2561, 63.7006**, and **7.1599, 9.7875, 12.8211** is the 20% darker color. If you saturate the color by 10%, you get **18.7753, 24.7827, 31.8112**, and if you desaturate by 10%, it is **21.6218, 26.2501, 31.9448**.

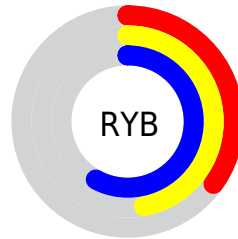
Distribution



Red (35%)

Green (58%)

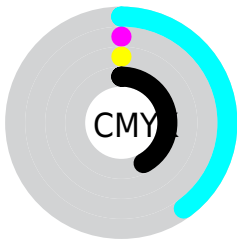
Blue (58%)



Red (35%)

Yellow (47%)

Blue (58%)

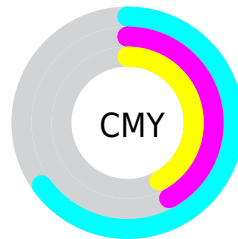


Cyan (40%)

Magenta (0%)

Yellow (0%)

Black (42%)



Cyan (65%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.0550, 25.4418, 31.8707 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 20.0550, 25.4418, 31.8707 by changing the saturation by 10% instead.

■ 20.0550, 25.4418,
31.8707

■ 20.0550, 25.4418,
31.8707

245.0406,
280.0310, 325.0044

■ 12.5435, 16.4065,
20.9988

■ 43.0126, 52.3730,
63.7039

■ 7.1898, 9.8123,
12.9319

■ 59.1895, 71.0378,
85.5022

■ 3.6285, 5.2747,
7.2515

■ 78.9855, 93.6812,
111.7797

■ 1.4942, 2.4093,
3.5390

■ 102.7660,
120.6876, 142.9550

■ 0.3219, 0.8307,
1.3760

130.8965,
152.4413, 179.4466

■ 0.0000, 0.0000,
0.1229

163.7421,

■ 0.0000, 0.0000,

189.3269, 221.6730

0.0000

201.6684,
231.7287, 270.0527

■ 20.0550, 25.4418,
31.8707

■ 20.0550, 25.4418,
31.8707

■ 18.7753, 24.7827,
31.8112

■ 21.6218, 26.2501,
31.9448

■ 17.7632, 24.2609,
31.7636

■ 23.4891, 27.2128,
32.0324

■ 17.0003, 23.8677,
31.7277

■ 25.6725, 28.3383,
32.1347

■ 16.4652, 23.5918,
31.7025

■ 28.1854, 29.6338,
32.2525

■ 16.1326, 23.4203,
31.6867

■ 31.0409, 31.1058,
32.3863

■ 15.9380, 23.3201,
31.6774

■ 34.2511, 32.7607,
32.5368

■ 15.9355, 23.3188,
31.6773

■ 37.8275, 34.6044,
32.7043

■ 41.7813, 36.6427,
32.8896

■ 46.1230, 38.8809,
33.0929

Harmonies

Analogous

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



19.9612, 25.4418, 24.9593



20.0550, 25.4418, 31.8707



21.2079, 25.4418, 38.6085

Triad

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



20.0550, 25.4418, 31.8707



27.7386, 25.4418, 37.5790



25.1863, 25.4418, 16.7238

Complementary

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



20.0550, 25.4418, 31.8707



17.5891, 14.1626, 11.2587

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.



27.4212, 25.4418, 19.0709



20.0550, 25.4418, 31.8707



28.9586, 25.4418, 30.6382

Square

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



20.0550, 25.4418, 31.8707



25.5966, 25.4418, 42.2594



28.8388, 25.4418, 23.9133



22.8199, 25.4418, 16.9424

Rectangle

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



20.0550, 25.4418, 31.8707



22.4676, 25.4418, 41.7530



28.8388, 25.4418, 23.9133



25.9807, 25.4418, 17.2203

Sweetspot

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



20.0558, 25.4428, 31.8713



44.3292, 49.5011, 56.6524



16.6086, 24.0749, 13.2232



10.0153, 11.2463, 12.9276



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



20.0558, 25.4428, 31.8713



33.3115, 43.8213, 56.1356



16.1203, 17.5718, 30.5602



5.9641, 6.5622, 7.4220



13.6109, 19.9172, 27.0564



0.1666, 0.2438, 0.3312

Inverse Universe

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



17.5891, 14.1626, 11.2587



28.3272, 21.0275, 14.4839



20.4385, 19.8614, 12.2081



5.8008, 5.8154, 6.0572



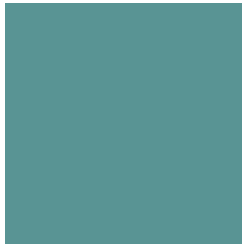
10.4317, 5.3777, 0.4883



0.1277, 0.0658, 0.0060

Previews

White Background



This preview shows how the XYZ color 20.0550, 25.4418, 31.8707 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 20.0550, 25.4418, 31.8707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

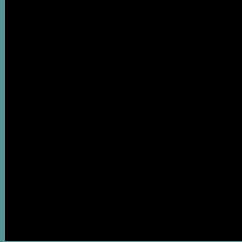
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.0550, 25.4418, 31.8707

Background



This preview shows how black text looks on a background with the XYZ color 20.0550, 25.4418, 31.8707.

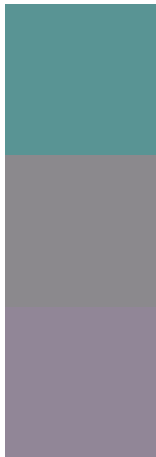


This preview shows how white text looks on a background with the XYZ color 20.0550, 25.4418,

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

20.0550, 25.4418, 31.8707

Protanopia

24.4008, 25.3034, 28.7973

Deuteranopia

25.7881, 25.3043, 32.8032



Tritanopia

20.8641, 25.3017, 36.1318

Trichromacy



Original Color

20.0550, 25.4418, 31.8707

Protanomaly

22.4441, 25.1283, 30.0529

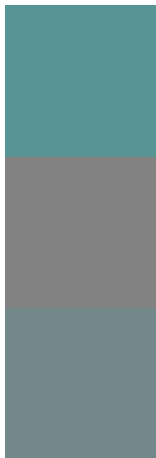
Deuteranomaly

23.1951, 25.0272, 32.4624

Tritanomaly

20.5808, 25.4247, 34.3946

Monochromacy



Original Color

20.0550, 25.4418, 31.8707

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.5312, 23.3423, 27.0903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0550, 25.4418, 31.8707 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(89, 148, 148)` looks like.

```
.text, #text, p{  
    color:rgb(89, 148, 148)  
}
```

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(89, 148, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 148, 148) }
```

Border

The CSS property to change the border of an element to XYZ 20.0550, 25.4418, 31.8707 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(89, 148, 148) }
```


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

```
.border{ border-color:rgb(89, 148, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 148, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 148, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 148, 148);  
box-shadow:4px 4px 4px 4px rgb(89, 148,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0550, 25.4418, 31.8707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 148, 148) }
```

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

```
.background{ background-color: rgb(89, 148,  
148) }
```

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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