

Converting Colors

XYZ(24.5007, 30.9318, 39.4212)

Have a look what the booklet for
XYZ(24.5007, 30.9318, 39.4212)
contains.

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Color

**XYZ(24.5682, 31.0817,
39.3548)**

Conversions

Conversions Part 1

Format	Color
Hex	62A2A3
RGB	98, 162, 163
RGB Percent	38%, 64%, 64%
CMY	0.6157, 0.3647, 0.3608
CMYK	0.40, 0.01, 0.00, 0.36
HSL	181°, 26%, 51%
HSV	181°, 40%, 64%
XYZ	24.5682, 31.0817, 39.3548
YIQ	142.9780, -38.4650, -13.2570

Conversions

Conversions Part 2

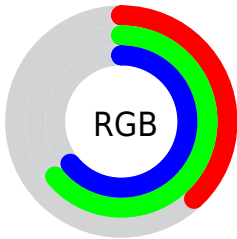
Format	Color
R_{YB}	98, 130, 163
Decimal	6464163
CIE _{Lab}	62.58, -20.19, -6.99
CIE _{LCh}	63, 21.363, 199.095
Yxy	31.0817, 0.2586, 0.3272
Android (android.graphics.Color)	4284654243 (0xFF62A2A3)
YUV	142.9780, 9.8708, -39.4457
Hunter-Lab	55.7510, -18.9032, -2.8273

Details

The XYZ color **24.5682, 31.0817, 39.3548** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.7711, 17.5924, 13.8042**, and the grayscale version is **26.0733, 27.4311, 29.8725**.

A 20% lighter version of the original color is **50.4166, 61.3631, 75.5167**, and **9.4839, 12.8350, 17.0165** is the 20% darker color. If you saturate the color by 10%, you get **22.9416, 30.1785, 39.2667**, and if you desaturate by 10%, it is **26.5549, 32.1721, 39.4611**.

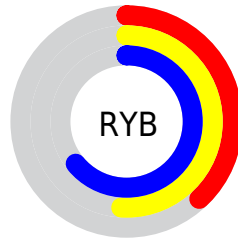
Distribution



Red (38%)

Green (64%)

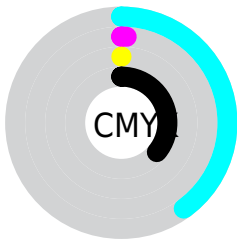
Blue (64%)



Red (38%)

Yellow (51%)

Blue (64%)

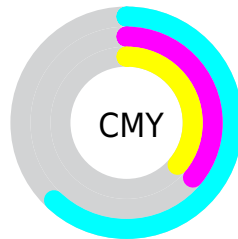


Cyan (40%)

Magenta (1%)

Yellow (0%)

Black (36%)



Cyan (62%)

Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5682, 31.0817, 39.3548 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 24.5682, 31.0817, 39.3548 by changing the saturation by 10% instead.

■ 24.5682, 31.0817,
39.3548

■ 24.5682, 31.0817,
39.3548

268.0681,
306.9145, 358.8675

■ 15.8827, 20.6611,
26.7259

■ 50.4038, 61.3687,
75.4063

■ 9.5315, 12.8765,
17.1369

■ 68.2846, 82.0038,
99.6660

■ 5.1493, 7.3435,
10.1691

■ 89.9611, 106.8126,
128.6397

■ 2.3708, 3.6779,
5.4042

■ 115.7988,
136.1793, 162.7460

■ 0.8305, 1.4950,
2.4234

146.1630,
170.4885, 202.4034

■ 0.0000, 0.2852,
0.7992

181.4191,

■ 0.0000, 0.0000,

210.1245, 248.0304

0.0000

221.9323,
255.4717, 300.0456

■ 24.5682, 31.0817,
39.3548

■ 24.5682, 31.0817,
39.3548

■ 22.9416, 30.1785,
39.2667

■ 26.5549, 32.1721,
39.4611

■ 21.6505, 29.4477,
39.1937

■ 28.9189, 33.4565,
39.5844

■ 20.6715, 28.8778,
39.1353

■ 31.6798, 34.9456,
39.7263

■ 19.9770, 28.4548,
39.0903

■ 34.8548, 36.6483,
39.8876

■ 19.5348, 28.1620,
39.0571

■ 38.4604, 38.5730,
40.0691

■ 19.2714, 27.9614,
39.0322

■ 42.5118, 40.7278,
40.2715

■ 19.2683, 27.9590,
39.0319

■ 47.0239, 43.1202,
40.4954

■ 52.0105, 45.7573,
40.7416

■ 57.4852, 48.6462,
41.0107

Harmonies

Analogous

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



24.3859, 31.0817, 30.9032



24.5682, 31.0817, 39.3548



26.0308, 31.0817, 47.4423

Triad

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



24.5682, 31.0817, 39.3548



33.9719, 31.0817, 45.4460



30.6125, 31.0817, 20.4305

Complementary

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



24.5682, 31.0817, 39.3548



21.7711, 17.5924, 13.8042

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.



33.3560, 31.0817, 23.1273



24.5682, 31.0817, 39.3548



35.3785, 31.0817, 36.9629

Square

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



24.5682, 31.0817, 39.3548



31.4089, 31.0817, 51.3382



35.1460, 31.0817, 28.8709



27.7510, 31.0817, 20.8561

Rectangle

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



24.5682, 31.0817, 39.3548



27.5920, 31.0817, 51.1101



35.1460, 31.0817, 28.8709



31.5822, 31.0817, 20.9816

Sweetspot

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



24.5691, 31.0829, 39.3555



55.5094, 61.9243, 71.0831



20.3394, 29.6735, 16.2115



12.3275, 13.8327, 15.9578



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.



24.5691, 31.0829, 39.3555



41.3460, 54.1922, 70.3371



19.6978, 21.3403, 37.7318



7.2668, 7.9925, 9.0628



14.9781, 21.7355, 30.3357



0.3175, 0.4622, 0.6383

Inverse Universe

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



25.9943, 19.1313, 36.5065



44.2768, 29.7671, 64.4435



25.3588, 24.7677, 15.0001



7.3596, 7.2003, 8.8801



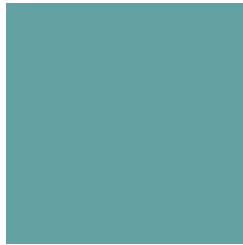
16.7057, 8.0383, 26.7046



0.3524, 0.1695, 0.5684

Previews

White Background



This preview shows how the XYZ color 24.5682, 31.0817, 39.3548 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 24.5682, 31.0817, 39.3548 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

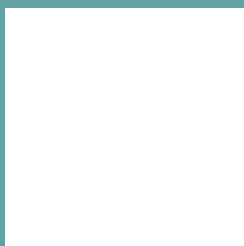
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.5682, 31.0817, 39.3548

Background



This preview shows how black text looks on a background with the XYZ color 24.5682, 31.0817, 39.3548.

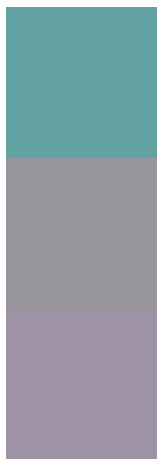


This preview shows how white text looks on a background with the XYZ color 24.5682, 31.0817,

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

24.5682, 31.0817, 39.3548

Protanopia

29.8560, 30.8884, 35.8410

Deuteranopia

31.4172, 30.8897, 40.3828



Tritanopia

25.4805, 30.9254, 44.1614

Trichromacy



Original Color

24.5682, 31.0817, 39.3548

Protanomaly

27.3293, 30.5199, 37.2514

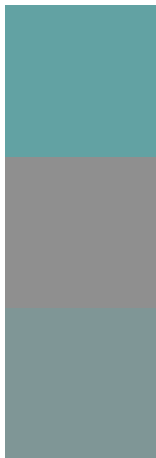
Deuteranomaly

28.1731, 30.4073, 39.9816

Tritanomaly

25.1618, 31.0636, 42.2058

Monochromacy



Original Color

24.5682, 31.0817, 39.3548

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.1638, 28.5267, 33.0341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5682, 31.0817, 39.3548 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, 162, 163) looks like.

```
.text, #text, p{  
    color:rgb(98, 162, 163)  
}
```

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, 162, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 162, 163) }
```

Border

The CSS property to change the border of an element to XYZ 24.5682, 31.0817, 39.3548 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, 162, 163) }
```


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

```
.border{ border-color:rgb(98, 162, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 162, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 162, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 162, 163);  
box-shadow:4px 4px 4px 4px rgb(98, 162,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5682, 31.0817, 39.3548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 162, 163) }
```

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

```
.background{ background-color: rgb(98, 162,  
163) }
```

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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