

Converting Colors

XYZ(24.6312, 31.8345, 40.4853)

Have a look what the booklet for
XYZ(24.6312, 31.8345, 40.4853)
contains.

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Color

**XYZ(24.6603, 31.9022,
40.4553)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5CA5A5 |
| RGB | 92, 165, 165 |
| RGB Percent | 36%, 65%, 65% |
| CMY | 0.6392, 0.3529, 0.3529 |
| CMYK | 0.44, 0.00, 0.00, 0.35 |
| HSL | 180°, 29%, 50% |
| HSV | 180°, 44%, 65% |
| XYZ | 24.6603, 31.9022, 40.4553 |
| YIQ | 143.1730, -43.5080, -15.4760 |

Conversions

Conversions Part 2

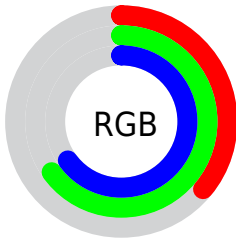
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 92, 129, 165 |
| Decimal | 6071717 |
| CIELab | 63.26, -22.74, -7.12 |
| CIELCh | 63, 23.834, 197.388 |
| Yxy | 31.9022, 0.2542, 0.3288 |
| Android (android.graphics.Color) | 4284261797 (0xFF5CA5A5) |
| YUV | 143.1730, 10.7607, -44.8787 |
| Hunter-Lab | 56.4820, -20.9097, -2.9291 |

Details

The XYZ color **24.6603, 31.9022, 40.4553** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.2771, 16.4273, 12.1757**, and the grayscale version is **26.1491, 27.5109, 29.9594**.

A 20% lighter version of the original color is **50.5441, 62.5568, 77.1209**, and **9.5789, 13.3598, 17.6966** is the 20% darker color. If you saturate the color by 10%, you get **23.1884, 31.1442, 40.3869**, and if you desaturate by 10%, it is **26.4931, 32.8478, 40.5420**.

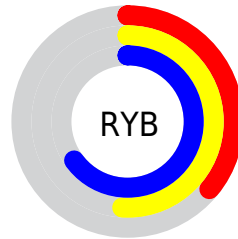
Distribution



Red (36%)

Green (65%)

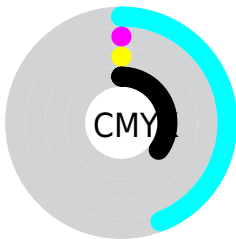
Blue (65%)



Red (36%)

Yellow (51%)

Blue (65%)

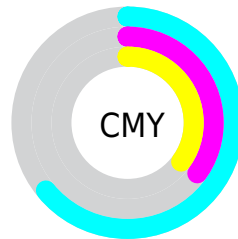


Cyan (44%)

Magenta (0%)

Yellow (0%)

Black (35%)



Cyan (64%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6603, 31.9022, 40.4553 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 24.6603, 31.9022, 40.4553 by changing the saturation by 10% instead.

■ 24.6603, 31.9022,
40.4553

■ 24.6603, 31.9022,
40.4553

268.5209,
310.6735, 363.6479

■ 15.9515, 21.2868,
27.5772

■ 50.5525, 62.6577,
77.1010

■ 9.5805, 13.3338,
17.7710

■ 68.4666, 83.5667,
101.7057

■ 5.1818, 7.6588,
10.6179

■ 90.1798, 108.6756,
131.0563

■ 2.3902, 3.8774,
5.6996

■ 116.0576,
138.3689, 165.5715

■ 0.8402, 1.6052,
2.5975

146.4652,
173.0309, 205.6697

■ 0.0000, 0.3611,
0.8912

181.7681,

■ 0.0000, 0.0000,

213.0461, 251.7694

0.0000

222.3315,
258.7988, 304.2893

■ 24.6603, 31.9022,
40.4553

■ 24.6603, 31.9022,
40.4553

■ 23.1884, 31.1442,
40.3869

■ 26.4931, 32.8478,
40.5420

■ 22.0510, 30.5578,
40.3335

■ 28.7054, 33.9883,
40.6457

■ 21.2227, 30.1308,
40.2946

■ 31.3178, 35.3350,
40.7681

■ 20.6732, 29.8475,
40.2686

■ 34.3489, 36.8976,
40.9102

■ 20.3660, 29.6892,
40.2541

■ 37.8157, 38.6848,
41.0726

■ 20.2471, 29.6279,
40.2484

■ 41.7346, 40.7051,
41.2562

■ 46.1211, 42.9664,
41.4617

■ 50.9898, 45.4763,
41.6897

■ 56.3548, 48.2420,
41.9410

Harmonies

Analogous

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



24.5412, 31.9022, 30.9169



24.6603, 31.9022, 40.4553



26.2254, 31.9022, 49.9019

Triad

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



24.6603, 31.9022, 40.4553



35.2363, 31.9022, 48.5509



31.7289, 31.9022, 19.8475

Complementary

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



24.6603, 31.9022, 40.4553



21.2771, 16.4273, 12.1757

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.



34.8246, 31.9022, 23.0039



24.6603, 31.9022, 40.4553



36.9461, 31.9022, 38.8575

Square

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



24.6603, 31.9022, 40.4553



32.2583, 31.9022, 55.1268



36.7902, 31.9022, 29.5830



28.4649, 31.9022, 20.1186

Rectangle

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



24.6603, 31.9022, 40.4553



27.9470, 31.9022, 54.3595



36.7902, 31.9022, 29.5830



32.8281, 31.9022, 20.5149

Sweetspot

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



24.6612, 31.9034, 40.4560



56.5961, 63.5432, 73.0340



19.9241, 30.0227, 14.8708



12.1402, 13.7717, 15.9558



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.



24.6612, 31.9034, 40.4560



41.5904, 55.8075, 72.3304



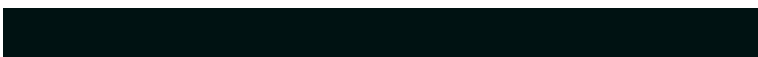
19.1512, 20.8830, 38.6201



7.2761, 8.0113, 9.0659



15.3166, 22.4130, 30.4472



0.3218, 0.4709, 0.6398

Inverse Universe

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



21.2771, 16.4273, 12.1757



34.7452, 24.5037, 15.1275



25.0760, 24.0252, 13.4416



7.0738, 7.0860, 7.3750



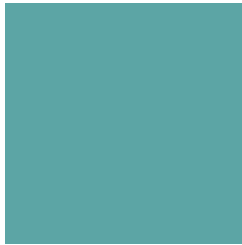
11.7388, 6.0516, 0.5495



0.2467, 0.1272, 0.0116

Previews

White Background



This preview shows how the XYZ color 24.6603, 31.9022, 40.4553 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 24.6603, 31.9022, 40.4553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

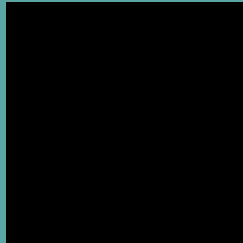
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.6603, 31.9022, 40.4553

Background



This preview shows how black text looks on a background with the XYZ color 24.6603, 31.9022, 40.4553.

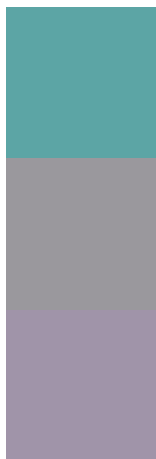


This preview shows how white text looks on a background with the XYZ color 24.6603, 31.9022,

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

24.6603, 31.9022, 40.4553

Protanopia

30.6405, 31.7608, 36.4138

Deuteranopia

32.2485, 31.5180, 41.9200



Tritanopia

25.6530, 31.7619, 45.8529

Trichromacy



Original Color

24.6603, 31.9022, 40.4553

Protanomaly

27.7622, 31.4773, 37.8702

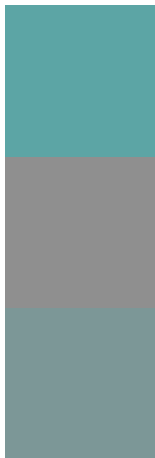
Deuteranomaly

28.6152, 31.0893, 41.5384

Tritanomaly

25.3379, 31.9092, 43.8534

Monochromacy



Original Color

24.6603, 31.9022, 40.4553

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

24.9647, 28.6527, 33.4929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6603, 31.9022, 40.4553 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, 165)` looks like.

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

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, 165) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 24.6603, 31.9022, 40.4553 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, 165) }
```


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

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

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, 165)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 24.6603, 31.9022, 40.4553 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, 165) }
```

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

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

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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