

Converting Colors

XYZ(24.3563, 28.1789, 39.0769)

Have a look what the booklet for
XYZ(24.3563, 28.1789, 39.0769)
contains.

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Color

**XYZ(24.4495, 28.2583,
39.2877)**

Conversions

Conversions Part 1

Format	Color
Hex	7097A4
RGB	112, 151, 164
RGB Percent	44%, 59%, 64%
CMY	0.5608, 0.4078, 0.3569
CMYK	0.32, 0.08, 0.00, 0.36
HSL	195°, 22%, 54%
HSV	195°, 32%, 64%
XYZ	24.4495, 28.2583, 39.2877
YIQ	140.8210, -27.4170, -4.2250

Conversions

Conversions Part 2

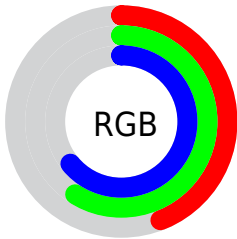
Format	Color
RYB	112, 134, 164
Decimal	7378852
CIELab	60.12, -10.12, -11.14
CIElCh	60, 15.050, 227.751
Yxy	28.2583, 0.2658, 0.3072
Android (android.graphics.Color)	4285568932 (0xFF7097A4)
YUV	140.8210, 11.4272, -25.2760
Hunter-Lab	53.1585, -10.9289, -6.6083

Details

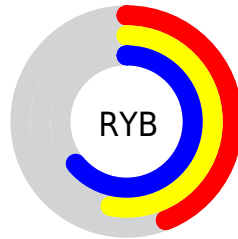
The XYZ color **24.4495, 28.2583, 39.2877** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.5684, 23.7297, 18.5625**, and the grayscale version is **25.2124, 26.5254, 28.8861**.

A 20% lighter version of the original color is **50.1346, 56.7764, 75.3344**, and **9.4684, 11.3083, 17.0129** is the 20% darker color. If you saturate the color by 10%, you get **21.9017, 25.9831, 38.9833**, and if you desaturate by 10%, it is **27.4020, 30.7776, 39.6188**.

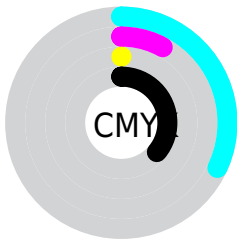
Distribution



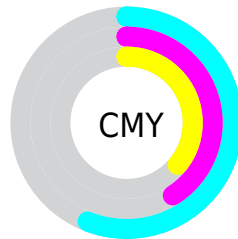
- Red (44%)
- Green (59%)
- Blue (64%)



- Red (44%)
- Yellow (53%)
- Blue (64%)



- Cyan (32%)
- Magenta (8%)
- Yellow (0%)
- Black (36%)



- Cyan (56%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4495, 28.2583, 39.2877 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 24.4495, 28.2583, 39.2877 by changing the saturation by 10% instead.

■ 24.4495, 28.2583,
39.2877

■ 24.4495, 28.2583,
39.2877

267.4837,
293.6991, 358.5745

■ 15.7939, 18.5205,
26.6741

■ 50.2121, 56.8966,
75.3028

■ 9.4684, 11.3243,
17.0983

■ 68.0498, 76.5658,
99.5413

■ 5.1075, 6.2854,
10.1419

■ 89.6790, 100.3142,
128.4919

■ 2.3459, 3.0194,
5.3863

■ 115.4649,
128.5264, 162.5731

■ 0.8180, 1.1419,
2.4130

145.7730,
161.5865, 202.2034

■ 0.0000, 0.0134,
0.7935

180.9686,

■ 0.0000, 0.0000,

199.8791, 247.8014

0.0000

221.4170,
243.7885, 299.7856

■ 24.4495, 28.2583,
39.2877

■ 24.4495, 28.2583,
39.2877

■ 21.9017, 25.9831,
38.9833

■ 27.4020, 30.7776,
39.6188

■ 19.7353, 23.9374,
38.7026

■ 30.7760, 33.5479,
39.9757

■ 17.9281, 22.1104,
38.4452

■ 34.5904, 36.5800,
40.3599

■ 16.4548, 20.4885,
38.2098

■ 38.8622, 39.8829,
40.7723

■ 15.2865, 19.0565,
37.9950

■ 43.6073, 43.4652,
41.2137

■ 14.3888, 17.7964,
37.7991

■ 48.8410, 47.3351,
41.6848

■ 13.7847, 16.8479,
37.6478

■ 54.5779, 51.5004,
42.1864

■ 60.8318, 55.9685,
42.7192

■ 65.9024, 59.8633,
43.2037

Harmonies

Analogous

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



23.4902, 28.2583, 34.1097



24.4495, 28.2583, 39.2877



26.0821, 28.2583, 42.3150

Triad

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



24.4495, 28.2583, 39.2877



30.6348, 28.2583, 33.0693



25.7475, 28.2583, 21.7483

Complementary

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



24.4495, 28.2583, 39.2877



25.5684, 23.7297, 18.5625

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.



27.6505, 28.2583, 21.5403



24.4495, 28.2583, 39.2877



30.5347, 28.2583, 27.6529

Square

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



24.4495, 28.2583, 39.2877



29.6885, 28.2583, 38.4482



29.4211, 28.2583, 23.5795



24.2146, 28.2583, 24.1862

Rectangle

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



24.4495, 28.2583, 39.2877



27.3602, 28.2583, 42.4937



29.4211, 28.2583, 23.5795



26.3633, 28.2583, 21.4268

Sweetspot

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



24.4504, 28.2594, 39.2884



56.8621, 61.6991, 72.6645



23.6046, 31.4548, 23.9409



12.2397, 13.3344, 15.8662



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.



24.4504, 28.2594, 39.2884



41.0644, 48.3544, 70.9213



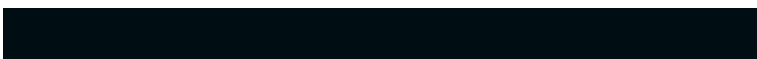
20.8273, 21.0133, 38.0807



7.1255, 7.7100, 9.0157



10.6084, 12.9962, 28.8792



0.2569, 0.3411, 0.6181

Inverse Universe

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



26.6906, 21.7159, 32.0643



45.8719, 34.9362, 55.2785



29.1626, 30.9182, 19.7606



7.2883, 7.1718, 8.5047



14.5001, 7.1561, 15.0900



0.3218, 0.1572, 0.4074

Previews

White Background



This preview shows how the XYZ color 24.4495, 28.2583, 39.2877 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 24.4495, 28.2583, 39.2877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

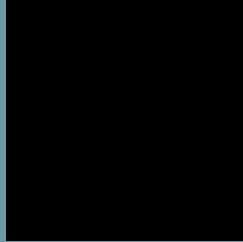
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.4495, 28.2583, 39.2877

Background



This preview shows how black text looks on a background with the XYZ color 24.4495, 28.2583, 39.2877.



This preview shows how white text looks on a background with the XYZ color 24.4495, 28.2583,

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

24.4495, 28.2583, 39.2877

Protanopia

27.4082, 27.9878, 36.7585

Deuteranopia

28.6206, 28.0988, 39.9915



Tritanopia

24.3596, 28.2223, 38.8139

Trichromacy



Original Color

24.4495, 28.2583, 39.2877

Protanomaly

26.2276, 28.0365, 37.7475

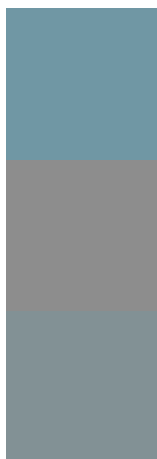
Deuteranomaly

26.9086, 28.1183, 39.6065

Tritanomaly

24.3596, 28.2223, 38.8139

Monochromacy



Original Color

24.4495, 28.2583, 39.2877

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.7561, 27.1666, 32.3727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4495, 28.2583, 39.2877 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(112, 151, 164)` looks like.

```
.text, #text, p{  
    color:rgb(112, 151, 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(112, 151, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 151, 164) }
```

Border

The CSS property to change the border of an element to XYZ 24.4495, 28.2583, 39.2877 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(112, 151, 164) }
```


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

```
.border{ border-color:rgb(112, 151, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 151, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 151, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 151, 164);  
box-shadow:4px 4px 4px 4px rgb(112, 151,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4495, 28.2583, 39.2877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 151, 164) }
```

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

```
.background{ background-color: rgb(112,  
151, 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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