

Converting Colors

XYZ(24.0326, 27.9395, 33.8007)

Have a look what the booklet for
XYZ(24.0326, 27.9395, 33.8007)
contains.

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Color

**XYZ(24.0451, 27.9312,
33.8297)**

Conversions

Conversions Part 1

Format	Color
Hex	769698
RGB	118, 150, 152
RGB Percent	46%, 59%, 60%
CMY	0.5372, 0.4118, 0.4039
CMYK	0.22, 0.01, 0.00, 0.40
HSL	184°, 14%, 53%
HSV	184°, 22%, 60%
XYZ	24.0451, 27.9312, 33.8297
YIQ	140.6600, -19.7140, -6.1620

Conversions

Conversions Part 2

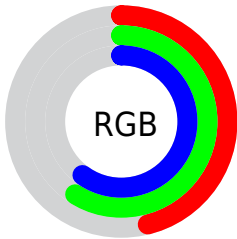
Format	Color
R_{YB}	118, 134, 152
Decimal	7771800
CIE _{Lab}	59.83, -10.61, -4.72
CIE _{LCh}	60, 11.615, 203.999
Y _{xy}	27.9312, 0.2802, 0.3255
Android (android.graphics.Color)	4285961880 (0xFF769698)
Y _{UV}	140.6600, 5.5906, -19.8728
Hunter-Lab	52.8500, -11.2755, -0.9570

Details

The XYZ color **24.0451, 27.9312, 33.8297** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.9358, 21.4167, 20.0653**, and the grayscale version is **25.1694, 26.4802, 28.8369**.

A 20% lighter version of the original color is **49.5280, 56.2999, 66.6491**, and **9.2650, 11.1285, 13.9716** is the 20% darker color. If you saturate the color by 10%, you get **22.0032, 26.6685, 33.6940**, and if you desaturate by 10%, it is **26.4224, 29.3699, 33.9826**.

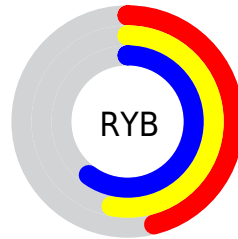
Distribution



Red (46%)

Green (59%)

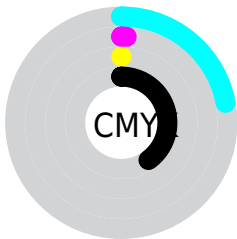
Blue (60%)



Red (46%)

Yellow (53%)

Blue (60%)

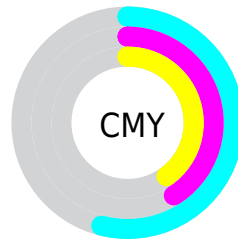


Cyan (22%)

Magenta (1%)

Yellow (0%)

Black (40%)



Cyan (54%)

Magenta (41%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0451, 27.9312, 33.8297 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 24.0451, 27.9312, 33.8297 by changing the saturation by 10% instead.

■ 24.0451, 27.9312,
33.8297

■ 24.0451, 27.9312,
33.8297

265.4847,
292.1380, 334.1180

■ 15.4920, 18.2738,
22.4865

■ 49.5579, 56.3746,
66.7996

■ 9.2540, 11.1467,
14.0131

■ 67.2484, 75.9294,
89.2634

■ 4.9656, 6.1656,
7.9909

■ 88.7153, 99.5520,
116.2712

■ 2.2617, 2.9461,
4.0014

114.3240,
127.6270, 148.2414

■ 0.7749, 1.1036,
1.6261

144.4400,
160.5387, 185.5926

■ 0.0000, 0.0000,
0.3094

179.4285,

■ 0.0000, 0.0000,

198.6715, 228.7435

0.0000

219.6550,
242.4098, 278.1124

■ 24.0451, 27.9312,
33.8297

■ 24.0451, 27.9312,
33.8297

■ 22.0032, 26.6685,
33.6940

■ 26.4224, 29.3699,
33.9826

■ 20.2784, 25.5700,
33.5729

■ 29.1474, 30.9888,
34.1514

■ 18.8541, 24.6282,
33.4662

■ 32.2350, 32.7961,
34.3375

■ 17.7117, 23.8332,
33.3730

■ 35.6982, 34.7988,
34.5416

■ 16.8300, 23.1743,
33.2923

■ 39.5497, 37.0033,
34.7641

■ 16.1852, 22.6391,
33.2229

■ 43.8014, 39.4157,
35.0056

■ 15.7490, 22.2130,
33.1637

■ 48.4647, 42.0419,
35.2667

■ 15.5002, 21.9322,
33.1226

■ 53.5505, 44.8876,
35.5480

■ 59.0695, 47.9582,
35.8498

Harmonies

Analogous

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



23.8312, 27.9312, 29.5727



24.0451, 27.9312, 33.8297



24.9186, 27.9312, 37.4527

Triad

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



24.0451, 27.9312, 33.8297



28.9040, 27.9312, 35.4302



26.8448, 27.9312, 23.0421

Complementary

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



24.0451, 27.9312, 33.8297



22.9358, 21.4167, 20.0653

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.



28.2465, 27.9312, 24.3146



24.0451, 27.9312, 33.8297



29.4633, 27.9312, 31.2677

Square

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



24.0451, 27.9312, 33.8297



27.7156, 27.9312, 38.4349



29.2183, 27.9312, 27.2332



25.4132, 27.9312, 23.5918

Rectangle

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



24.0451, 27.9312, 33.8297



25.7752, 27.9312, 38.8886



29.2183, 27.9312, 27.2332



27.3357, 27.9312, 23.2669

Sweetspot

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



24.0459, 27.9323, 33.8303



49.0752, 53.2941, 60.1339



22.0721, 27.6574, 21.8498



11.0971, 12.0792, 13.6641



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



24.0459, 27.9323, 33.8303



40.5113, 48.1146, 59.5855



21.5680, 22.9766, 33.0044



6.3535, 6.9643, 7.9384



13.0043, 18.4052, 27.7749



0.2025, 0.2914, 0.4179

Inverse Universe

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



24.9331, 21.8350, 31.7558



42.3808, 35.3893, 55.1862



25.1226, 25.7902, 20.7942



6.4455, 6.3174, 7.7263



15.0227, 7.2633, 22.4425



0.2287, 0.1102, 0.3571

Previews

White Background



This preview shows how the XYZ color 24.0451, 27.9312, 33.8297 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 24.0451, 27.9312, 33.8297 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

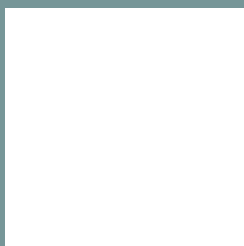
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.0451, 27.9312, 33.8297

Background



This preview shows how black text looks on a background with the XYZ color 24.0451, 27.9312, 33.8297.

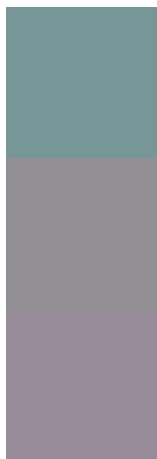


This preview shows how white text looks on a background with the XYZ color 24.0451, 27.9312,

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

24.0451, 27.9312, 33.8297

Protanopia

26.8448, 27.8028, 31.9686

Deuteranopia

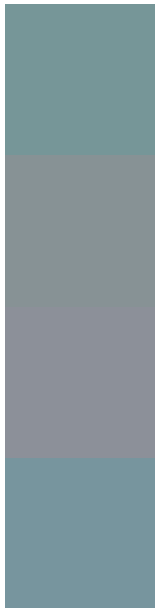
28.3477, 27.8616, 34.4556



Tritanopia

24.9262, 28.0612, 37.8208

Trichromacy



Original Color

24.0451, 27.9312, 33.8297

Protanomaly

25.6954, 27.8786, 32.4606

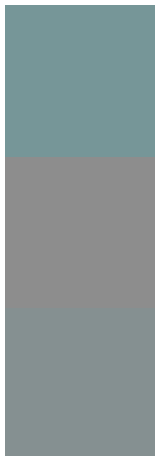
Deuteranomaly

26.5382, 27.8219, 34.1084

Tritanomaly

24.5268, 27.8855, 36.4375

Monochromacy



Original Color

24.0451, 27.9312, 33.8297

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.7570, 26.9774, 30.6904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0451, 27.9312, 33.8297 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(118, 150, 152)` looks like.

```
.text, #text, p{  
    color:rgb(118, 150, 152)  
}
```

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(118, 150, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 150, 152) }
```

Border

The CSS property to change the border of an element to XYZ 24.0451, 27.9312, 33.8297 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(118, 150, 152) }
```


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

```
.border{ border-color:rgb(118, 150, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 150, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 150, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 150, 152);  
box-shadow:4px 4px 4px 4px rgb(118, 150,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0451, 27.9312, 33.8297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 150, 152) }
```

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

```
.background{ background-color: rgb(118,  
150, 152) }
```

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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