

Converting Colors

XYZ(27.8089, 32.3813, 50.2726)

Have a look what the booklet for
XYZ(27.8089, 32.3813, 50.2726)
contains.

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Color

**XYZ(27.7033, 32.2016,
50.1028)**

Conversions

Conversions Part 1

Format	Color
Hex	6DA1B8
RGB	109, 161, 184
RGB Percent	43%, 63%, 72%
CMY	0.5725, 0.3686, 0.2784
CMYK	0.41, 0.12, 0.00, 0.28
HSL	198°, 35%, 57%
HSV	198°, 41%, 72%
XYZ	27.7033, 32.2016, 50.1028
YIQ	148.0740, -38.3750, -3.8710

Conversions

Conversions Part 2

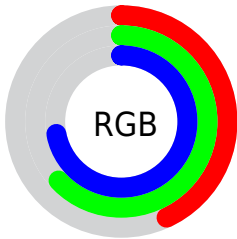
Format	Color
R _Y B	109, 140, 184
Decimal	7184824
CIE Lab	63.51, -11.20, -17.32
CIE LCh	64, 20.626, 237.116
Yxy	32.2016, 0.2518, 0.2927
Android (android.graphics.Color)	4285374904 (0xFF6DA1B8)
YUV	148.0740, 17.7115, -34.2679
Hunter-Lab	56.7465, -12.1636, -12.6260

Details

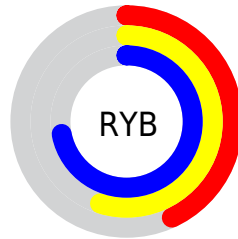
The XYZ color **27.7033, 32.2016, 50.1028** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.7795, 27.7978, 18.2123**, and the grayscale version is **28.1199, 29.5844, 32.2174**.

A 20% lighter version of the original color is **55.3883, 63.1895, 91.7156**, and **11.1963, 13.4167, 23.4723** is the 20% darker color. If you saturate the color by 10%, you get **24.7086, 29.2275, 49.6872**, and if you desaturate by 10%, it is **31.2183, 35.5114, 50.5570**.

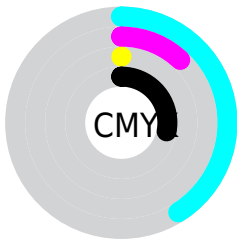
Distribution



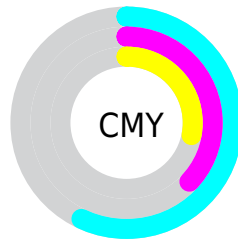
- Red (43%)
- Green (63%)
- Blue (72%)



- Red (43%)
- Yellow (55%)
- Blue (72%)



- Cyan (41%)
- Magenta (12%)
- Yellow (0%)
- Black (28%)



- Cyan (57%)
- Magenta (37%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7033, 32.2016, 50.1028 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 27.7033, 32.2016, 50.1028 by changing the saturation by 10% instead.

■ 27.7033, 32.2016,
50.1028

■ 27.7033, 32.2016,
50.1028

■ 283.1523,
312.0366, 403.8144

■ 18.2414, 21.5155,
35.1233

■ 55.4224, 63.1270,
91.7250

■ 11.2242, 13.5014,
23.4736

■ 74.4103, 84.1351,
119.2049

■ 6.2862, 7.7747,
14.7350

■ 97.3042, 109.3527,
151.6886

■ 3.0622, 3.9511,
8.4891

■ 124.4696,
139.1642, 189.5948

■ 1.1867, 1.6463,
4.3172

■ 156.2717,
173.9539, 233.3419

■ 0.0959, 0.3885,
1.8009

■ 193.0760,

■ 0.0000, 0.0000,

214.1063, 283.3485

0.4286

235.2477,
260.0057, 340.0332

■ 0.0000, 0.0000,
0.0000

■ 27.7033, 32.2016,
50.1028

■ 27.7033, 32.2016,
50.1028

■ 24.7086, 29.2275,
49.6872

■ 31.2183, 35.5114,
50.5570

■ 22.2009, 26.5690,
49.3062

■ 35.2784, 39.1684,
51.0489

■ 20.1473, 24.2089,
48.9589

■ 39.9103, 43.1880,
51.5806

■ 18.5094, 22.1265,
48.6432

■ 45.1381, 47.5833,
52.1534

■ 17.2419, 20.2976,
48.3570

■ 50.9843, 52.3667,
52.7686

■ 16.3158, 18.7887,
48.1146

■ 57.4703, 57.5501,
53.4272

■ 64.6165, 63.1447,
54.1304

■ 71.9975, 68.9321,
54.8585

■ 73.3817, 71.7004,
55.3199

Harmonies

Analogous

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



25.9467, 32.2016, 42.7818



27.7033, 32.2016, 50.1028



30.3295, 32.2016, 53.3627

Triad

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



27.7033, 32.2016, 50.1028



36.4642, 32.2016, 35.8643



28.1563, 32.2016, 22.7776

Complementary

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



27.7033, 32.2016, 50.1028



30.7795, 27.7978, 18.2123

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.



30.8855, 32.2016, 21.5119



27.7033, 32.2016, 50.1028



35.7936, 32.2016, 28.3318

Square

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



27.7033, 32.2016, 50.1028



35.4859, 32.2016, 44.3758



33.7061, 32.2016, 23.3800



26.1965, 32.2016, 27.1522

Rectangle

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



27.7033, 32.2016, 50.1028



32.2621, 32.2016, 52.4668



33.7061, 32.2016, 23.3800



29.0089, 32.2016, 22.0073

Sweetspot

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



27.7043, 32.2028, 50.1036



71.0714, 77.1972, 93.3593



27.5788, 39.1852, 27.7619



15.0798, 16.4344, 20.0990



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



27.7043, 32.2028, 50.1036



45.2621, 53.4639, 90.1386



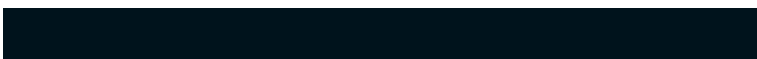
22.1670, 21.1283, 48.2578



9.0280, 9.7332, 11.4823



11.3094, 13.0785, 33.1814



0.4507, 0.5651, 1.1871

Inverse Universe

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



31.6697, 23.7019, 36.6252



53.6843, 36.7970, 61.2002



36.7162, 39.6712, 20.1912



9.2605, 9.1146, 10.7191



16.3221, 8.1026, 14.8491



0.6017, 0.2961, 0.6618

Previews

White Background



This preview shows how the XYZ color 27.7033, 32.2016, 50.1028 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 27.7033, 32.2016, 50.1028 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 27.7033, 32.2016, 50.1028

Background



This preview shows how black text looks on a background with the XYZ color 27.7033, 32.2016, 50.1028.



This preview shows how white text looks on a background with the XYZ color 27.7033, 32.2016,

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

27.7033, 32.2016, 50.1028

Protanopia

31.4769, 31.9667, 46.6307

Deuteranopia

32.7182, 32.0333, 50.9130



Tritanopia

26.7216, 32.0616, 45.3376

Trichromacy



Original Color

27.7033, 32.2016, 50.1028

Protanomaly

29.7911, 31.8063, 47.7491

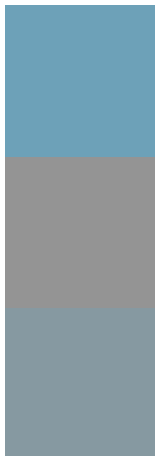
Deuteranomaly

30.4659, 31.8482, 50.4405

Tritanomaly

27.1406, 32.2432, 46.9126

Monochromacy



Original Color

27.7033, 32.2016, 50.1028

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.6558, 30.4240, 38.1330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7033, 32.2016, 50.1028 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(109, 161, 184)` looks like.

```
.text, #text, p{  
    color:rgb(109, 161, 184)  
}
```

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(109, 161, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 161, 184) }
```

Border

The CSS property to change the border of an element to XYZ 27.7033, 32.2016, 50.1028 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(109, 161, 184) }
```


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

```
.border{ border-color:rgb(109, 161, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 161, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 161, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 161, 184);  
box-shadow:4px 4px 4px 4px rgb(109, 161,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7033, 32.2016, 50.1028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 161, 184) }
```

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

```
.background{ background-color: rgb(109,  
161, 184) }
```

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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