

Converting Colors

XYZ(27.2284, 32.2361, 5.0311)

Have a look what the booklet for
XYZ(27.2284, 32.2361, 5.0311)
contains.

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Color

**XYZ(27.1765, 32.1548,
5.0326)**

Conversions

Conversions Part 1

Format	Color
Hex	A29E09
RGB	162, 158, 9
RGB Percent	64%, 62%, 4%
CMY	0.3647, 0.3804, 0.9646
CMYK	0.00, 0.02, 0.94, 0.36
HSL	58°, 89%, 34%
HSV	58°, 94%, 64%
XYZ	27.1765, 32.1548, 5.0326
YIQ	142.2100, 50.2130, -45.4910

Conversions

Conversions Part 2

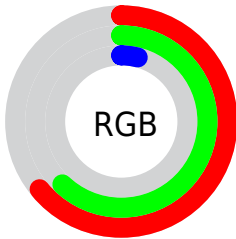
Format	Color
RYB	13, 162, 9
Decimal	10657289
CIELab	63.47, -13.15, 65.24
CIELCh	63, 66.555, 101.393
Yxy	32.1548, 0.4222, 0.4996
Android (android.graphics.Color)	4288847369 (0xFFA29E09)
YUV	142.2100, -65.6725, 17.3558
Hunter-Lab	56.7052, -13.6863, 34.4316

Details

The XYZ color **27.1765, 32.1548, 5.0326** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.7785, 2.9549, 34.3954**, and the grayscale version is **26.0339, 27.3897, 29.8274**.

A 20% lighter version of the original color is **54.3982, 62.8384, 16.2831**, and **11.2016, 13.5796, 2.0307** is the 20% darker color. If you saturate the color by 10%, you get **27.0877, 32.0563, 4.7598**, and if you desaturate by 10%, it is **27.3779, 32.3523, 5.7335**.

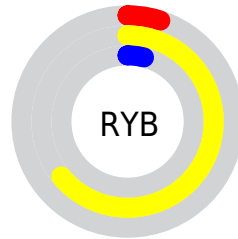
Distribution



Red (64%)

Green (62%)

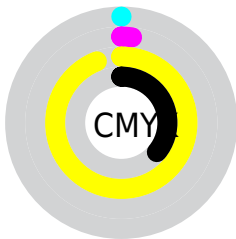
Blue (4%)



Red (5%)

Yellow (64%)

Blue (4%)

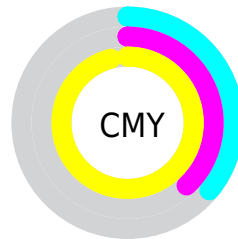


Cyan (0%)

Magenta (2%)

Yellow (94%)

Black (36%)



Cyan (36%)

Magenta (38%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1765, 32.1548, 5.0326 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 27.1765, 32.1548, 5.0326 by changing the saturation by 10% instead.

■ 27.1765, 32.1548,
5.0326

■ 27.1765, 32.1548,
5.0326

280.6627,
311.8238, 159.0914

■ 17.8431, 21.4798,
2.2073

■ 54.5849, 63.0537,
16.3288

■ 10.9364, 13.4751,
0.6786

■ 73.3905, 84.0463,
25.6368

■ 6.0911, 7.7565,
0.0000

■ 96.0843, 109.2470,
37.9428

■ 2.9417, 3.9396,
0.0000

■ 123.0316,
139.0400, 53.6653

■ 1.1230, 1.6398,
0.0000

■ 154.5977,
173.8098, 73.2228

■ 0.0442, 0.3842,
0.0000

■ 191.1480,

■ 0.0000, 0.0000,

213.9408, 97.0340

0.0000

233.0479,
259.8173, 125.5174

27.1765, 32.1548,
5.0326

27.1765, 32.1548,
5.0326

27.0877, 32.0563,
4.7598

27.3779, 32.3523,
5.7335

27.6802, 32.5892,
6.9674

28.0994, 32.8734,
8.8159

28.6483, 33.2098,
11.3460

29.3379, 33.6029,
14.6158

■ 30.1780, 34.0567,
18.6772

■ 31.1777, 34.5746,
23.5775

■ 32.3452, 35.1601,
29.3603

■ 33.6883, 35.8162,
36.0662

Harmonies

Analogous

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



36.6058, 32.1548, 5.5024



27.1765, 32.1548, 5.0326



20.2315, 32.1548, 8.9902

Triad

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



27.1765, 32.1548, 5.0326



19.0514, 32.1548, 80.7404



50.7448, 32.1548, 53.9430

Complementary

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



27.1765, 32.1548, 5.0326



6.7785, 2.9549, 34.3954

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.



43.9194, 32.1548, 88.9253



27.1765, 32.1548, 5.0326



25.2233, 32.1548, 109.0368

Square

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



27.1765, 32.1548, 5.0326



16.2140, 32.1548, 46.0872



34.2180, 32.1548, 112.6184



51.5626, 32.1548, 25.8690

Rectangle

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



27.1765, 32.1548, 5.0326



17.4387, 32.1548, 15.8243



34.2180, 32.1548, 112.6184



49.0211, 32.1548, 65.5600

Sweetspot

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



27.1772, 32.1563, 5.0333



55.8218, 62.3685, 38.9689



15.0781, 7.9091, 1.1514



12.3721, 13.9217, 7.9436



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.



27.1772, 32.1563, 5.0333



49.1514, 58.1467, 8.6329



17.2454, 28.0645, 4.7669



7.6335, 8.2054, 7.5616



21.3456, 25.2651, 3.7516



0.4531, 0.5401, 0.0804

Inverse Universe

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



6.7785, 2.9549, 34.3954



11.8995, 4.8558, 62.3662



9.9622, 4.5276, 34.5311



6.7146, 6.8882, 8.8787



5.1791, 2.1376, 27.0694



0.1130, 0.0533, 0.5702

Previews

White Background



This preview shows how the XYZ color 27.1765, 32.1548, 5.0326 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 27.1765, 32.1548, 5.0326 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 27.1765, 32.1548, 5.0326

Background



This preview shows how black text looks on a background with the XYZ color 27.1765, 32.1548, 5.0326.



This preview shows how white text looks on a background with the XYZ color 27.1765, 32.1548,

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

27.1765, 32.1548, 5.0326

Protanopia

28.8221, 32.0086, 4.8315

Deuteranopia

32.6919, 32.0931, 5.3357



Tritanopia

33.6185, 32.1067, 36.7731

Trichromacy



Original Color

27.1765, 32.1548, 5.0326

Protanomaly

28.1219, 31.8930, 4.8748

Deuteranomaly

30.3153, 31.8048, 5.1572

Tritanomaly

29.7137, 31.4575, 17.6025

Monochromacy



Original Color

27.1765, 32.1548, 5.0326

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.0047, 28.3775, 14.7492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1765, 32.1548, 5.0326 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(162, 158, 9)` looks like.

```
.text, #text, p{  
    color:rgb(162, 158, 9)  
}
```

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(162, 158, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 158, 9) }
```

Border

The CSS property to change the border of an element to XYZ 27.1765, 32.1548, 5.0326 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(162, 158, 9) }
```


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

```
.border{ border-color:rgb(162, 158, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 158, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 158, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 158, 9);  
box-shadow:4px 4px 4px 4px rgb(162, 158,  
9) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1765, 32.1548, 5.0326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 158, 9) }
```

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

```
.background{ background-color: rgb(162,  
158, 9) }
```

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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