

Converting Colors

XYZ(27.9795, 32.0543, 5.5230)

Have a look what the booklet for
XYZ(27.9795, 32.0543, 5.5230)
contains.

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Color

**XYZ(27.9795, 32.0543,
5.5230)**

Conversions

Conversions Part 1

Format	Color
Hex	A79C17
RGB	167, 156, 23
RGB Percent	65%, 61%, 9%
CMY	0.3451, 0.3882, 0.9098
CMYK	0.00, 0.07, 0.86, 0.35
HSL	55°, 76%, 37%
HSV	55°, 86%, 65%
XYZ	27.9795, 32.0543, 5.5230
YIQ	144.1270, 49.2490, -39.0310

Conversions

Conversions Part 2

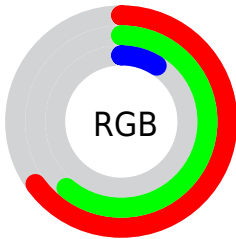
Format	Color
RYB	35, 167, 23
Decimal	10984471
CIELab	63.39, -9.58, 62.84
CIELCh	63, 63.566, 98.665
Yxy	32.0543, 0.4268, 0.4890
Android (android.graphics.Color)	4289174551 (0xFFA79C17)
YUV	144.1270, -59.7156, 20.0596
Hunter-Lab	56.6165, -10.8654, 33.8478

Details

The XYZ color **27.9795, 32.0543, 5.5230** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **7.9006, 4.1164, 36.9372**, and the grayscale version is **26.7808, 28.1755, 30.6831**.

A 20% lighter version of the original color is **55.6593, 62.7253, 17.3572**, and **11.6071, 13.4827, 1.9907** is the 20% darker color. If you saturate the color by 10%, you get **27.6472, 31.5820, 4.8199**, and if you desaturate by 10%, it is **28.4187, 32.5754, 6.7713**.

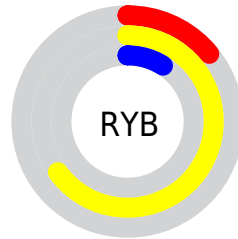
Distribution



Red (65%)

Green (61%)

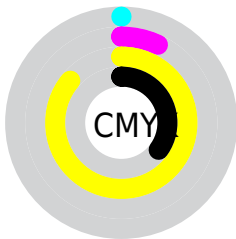
Blue (9%)



Red (14%)

Yellow (65%)

Blue (9%)

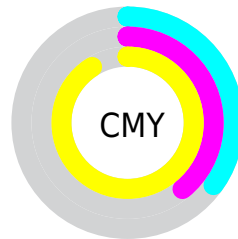


Cyan (0%)

Magenta (7%)

Yellow (86%)

Black (35%)



Cyan (35%)


Magenta (39%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.9795, 32.0543, 5.5230 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 27.9795, 32.0543, 5.5230 by changing the saturation by 10% instead.


 27.9795, 32.0543,
5.5230


 27.9795, 32.0543,
5.5230


284.4508,
311.3665, 163.8906


 18.4506, 21.4030,
2.4932


 55.8606, 62.8962,
17.3927


 11.3756, 13.4189,
0.8366


 74.9435, 83.8556,
27.0698


 6.3892, 7.7176,
0.0000


 97.9417, 109.0198,
39.7997

 3.1261, 3.9148,
0.0000

 125.2207,
138.7731, 56.0010

 1.2208, 1.6260,
0.0000

 157.1457,
173.5001, 76.0921

 0.1227, 0.3750,
0.0000

 194.0822,

 0.0000, 0.0000,

213.5851, 100.4918

0.0000

236.3954,
259.4124, 129.6184

■ 27.9795, 32.0543,
5.5230

■ 27.9795, 32.0543,
5.5230

■ 27.6472, 31.5820,
4.8199

■ 28.4187, 32.5754,
6.7713

■ 27.5328, 31.4086,
4.6113

■ 28.9818, 33.1484,
8.6645

■ 29.6838, 33.7807,
11.2777

■ 30.5368, 34.4769,
14.6750

■ 31.5517, 35.2415,
18.9136

■ 32.7383, 36.0785,
24.0451

■ 34.1057, 36.9915,
30.1173

■ 35.6622, 37.9837,
37.1744

■ 37.4158, 39.0585,
45.2578

Harmonies

Analogous

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



37.0707, 32.0543, 6.3760



27.9795, 32.0543, 5.5230



21.0423, 32.0543, 9.0375

Triad

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



27.9795, 32.0543, 5.5230



19.0394, 32.0543, 74.9492



49.1764, 32.0543, 55.7500

Complementary

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



27.9795, 32.0543, 5.5230



7.9006, 4.1164, 36.9372

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.



42.3533, 32.0543, 88.3012



27.9795, 32.0543, 5.5230



24.6976, 32.0543, 102.6142

Square

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



27.9795, 32.0543, 5.5230



16.5754, 32.0543, 42.7524



33.0970, 32.0543, 108.4201



50.5228, 32.0543, 28.0762

Rectangle

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



27.9795, 32.0543, 5.5230



18.1437, 32.0543, 15.2299



33.0970, 32.0543, 108.4201



47.3918, 32.0543, 66.7878

Sweetspot

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



27.9802, 32.0558, 5.5236



58.5761, 64.5760, 42.8163



16.5463, 8.9499, 2.4460



12.9430, 14.3364, 8.8604



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.9802, 32.0558, 5.5236



49.2415, 56.1144, 8.2359



20.0371, 30.8251, 5.7048



8.0971, 8.6743, 8.0368



21.0845, 24.0663, 3.5340



0.5269, 0.6134, 0.0906

Inverse Universe

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



7.9006, 4.1164, 36.9372



12.6854, 5.3839, 65.8459



10.8492, 5.2422, 36.9991



7.1761, 7.3892, 9.4664



5.4604, 2.3811, 28.1473



0.1468, 0.0858, 0.6895

Previews

White Background



This preview shows how the XYZ color 27.9795, 32.0543, 5.5230 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 27.9795, 32.0543, 5.5230 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 27.9795, 32.0543, 5.5230

Background



This preview shows how black text looks on a background with the XYZ color 27.9795, 32.0543, 5.5230.



This preview shows how white text looks on a background with the XYZ color 27.9795, 32.0543,

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

27.9795, 32.0543, 5.5230

Protanopia

28.9340, 32.0534, 5.4210

Deuteranopia

32.5185, 31.9942, 5.7579



Tritanopia

34.0306, 31.8812, 35.8126

Trichromacy



Original Color

27.9795, 32.0543, 5.5230

Protanomaly

28.6607, 32.1585, 5.4557

Deuteranomaly

30.8831, 32.0869, 5.6643

Tritanomaly

30.6878, 31.4618, 18.6427

Monochromacy



Original Color

27.9795, 32.0543, 5.5230

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.8390, 28.7753, 16.2489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9795, 32.0543, 5.5230 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(167, 156, 23)` looks like.

```
.text, #text, p{  
    color:rgb(167, 156, 23)  
}
```

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(167, 156, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 156, 23) }
```

Border

The CSS property to change the border of an element to XYZ 27.9795, 32.0543, 5.5230 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(167, 156, 23) }
```


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

```
.border{ border-color:rgb(167, 156, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 156, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 156, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 156, 23);  
box-shadow:4px 4px 4px 4px rgb(167, 156,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9795, 32.0543, 5.5230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 156, 23) }
```

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

```
.background{ background-color: rgb(167,  
156, 23) }
```

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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