

Converting Colors

XYZ(29.0774, 26.1660, 3.5180)

Have a look what the booklet for
XYZ(29.0774, 26.1660, 3.5180)
contains.

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Color

**XYZ(29.0752, 26.2551,
3.5353)**

Conversions

Conversions Part 1

Format	Color
Hex	BF7F00
RGB	191, 127, 0
RGB Percent	75%, 50%, 0%
CMY	0.2510, 0.5019, 1.0000
CMYK	0.00, 0.34, 1.00, 0.25
HSL	40°, 100%, 37%
HSV	40°, 100%, 75%
XYZ	29.0752, 26.2551, 3.5353
YIQ	131.6580, 78.9110, -25.9290

Conversions

Conversions Part 2

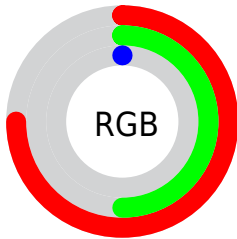
Format	Color
RYB	96, 191, 0
Decimal	12549888
CIELab	58.28, 16.73, 64.26
CIELCh	58, 66.404, 75.406
Yxy	26.2551, 0.4939, 0.4460
Android (android.graphics.Color)	4290739968 (0xFFBF7F00)
YUV	131.6580, -64.9074, 52.0429
Hunter-Lab	51.2397, 11.6176, 31.7771

Details

The XYZ color **29.0752, 26.2551, 3.5353** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **11.2375, 7.4286, 50.1313**, and the grayscale version is **22.0163, 23.1628, 25.2243**.

A 20% lighter version of the original color is **57.5403, 53.7676, 12.9757**, and **12.2401, 10.3543, 1.3535** is the 20% darker color. If you saturate the color by 10%, you get **29.0754, 26.2557, 3.5354**, and if you desaturate by 10%, it is **30.0472, 28.0099, 4.4437**.

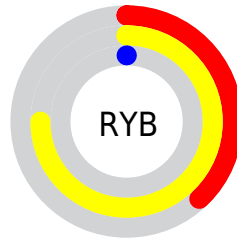
Distribution



Red (75%)

Green (50%)

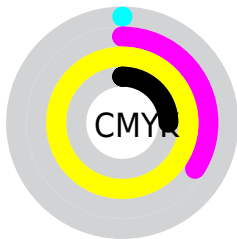
Blue (0%)



Red (38%)

Yellow (75%)

Blue (0%)

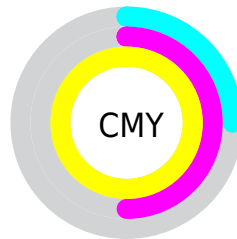


Cyan (0%)

Magenta (34%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (50%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0752, 26.2551, 3.5353 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 29.0752, 26.2551, 3.5353 by changing the saturation by 10% instead.

■ 29.0752, 26.2551,
3.5353

■ 29.0752, 26.2551,
3.5353

289.5574,
284.0321, 142.9110

■ 19.2823, 17.0146,
1.3740

■ 57.5933, 53.6862,
12.9230

■ 11.9796, 10.2449,
0.1213

■ 77.0491, 72.6456,
20.9865

■ 6.8019, 5.5616,
0.0000

■ 100.4567, 95.6133,
31.8545

■ 3.3838, 2.5804,
0.0000

■ 128.1813,
122.9739, 45.9456

■ 1.3598, 0.9168,
0.0000

■ 160.5883,
155.1117, 63.6782


■ 0.2273, 0.0000,
0.0000


■ 198.0431,


■ 0.0000, 0.0000,


192.4110, 85.4710


0.0000


 240.9110,
235.2564, 111.7424


 29.0752, 26.2551,
3.5353


 29.0752, 26.2551,
3.5353


 29.0754, 26.2557,
3.5354

 30.0472, 28.0099,
4.4437

 31.1885, 29.9167,
5.9821

 32.5423, 31.9956,
8.3720

 34.1309, 34.2568,
11.7255

 35.9732, 36.7093,
16.1376

■ 38.0857, 39.3611,
21.6918

■ 40.4835, 42.2195,
28.4631

■ 43.1803, 45.2914,
36.5201

■ 46.1891, 48.5831,
45.9264

Harmonies

Analogous

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



37.5206, 26.2551, 7.1744



29.0752, 26.2551, 3.5353



21.0530, 26.2551, 3.5759

Triad

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



29.0752, 26.2551, 3.5353



12.7790, 26.2551, 42.1024



37.7250, 26.2551, 72.5531

Complementary

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



29.0752, 26.2551, 3.5353



11.2375, 7.4286, 50.1313

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.



29.3109, 26.2551, 96.4600



29.0752, 26.2551, 3.5353



15.5636, 26.2551, 73.3845

Square

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



29.0752, 26.2551, 3.5353



12.7426, 26.2551, 18.7825



21.2431, 26.2551, 96.8270



43.1987, 26.2551, 41.3201

Rectangle

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



29.0752, 26.2551, 3.5353



16.9965, 26.2551, 5.5023



21.2431, 26.2551, 96.8270



35.0748, 26.2551, 82.3088

Sweetspot

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



29.0758, 26.2564, 3.5358



72.2889, 75.3621, 50.3451



22.4945, 11.4800, 6.3177



15.4597, 16.0605, 9.8684



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



29.0758, 26.2564, 3.5358



51.8415, 46.5582, 6.2543



33.6023, 44.9794, 6.9111



10.0456, 10.5672, 10.0869



19.1847, 17.4082, 2.3490



0.8094, 0.7978, 0.1113

Inverse Universe

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



11.2375, 7.4286, 50.1313



19.9265, 12.9048, 89.7198



9.9010, 4.0180, 49.5434



9.2707, 9.7338, 12.0624



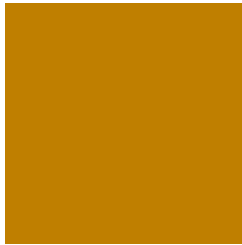
7.4521, 5.0158, 32.9683



0.3534, 0.3194, 1.3119

Previews

White Background



This preview shows how the XYZ color 29.0752, 26.2551, 3.5353 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 29.0752, 26.2551, 3.5353 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 29.0752, 26.2551, 3.5353

Background



This preview shows how black text looks on a background with the XYZ color 29.0752, 26.2551, 3.5353.



This preview shows how white text looks on a background with the XYZ color 29.0752, 26.2551,

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

29.0752, 26.2551, 3.5353

Protanopia

23.8956, 26.4497, 4.2266

Deuteranopia

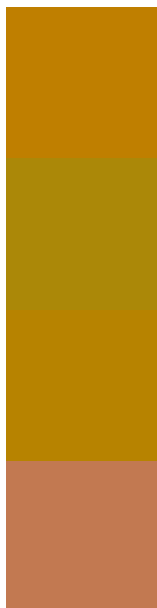
26.7476, 26.2400, 3.6551



Tritanopia

33.0741, 26.2249, 23.3974

Trichromacy



Original Color

29.0752, 26.2551, 3.5353

Protanomaly

25.6426, 26.2838, 3.9515

Deuteranomaly

27.6447, 26.2999, 3.6193

Tritanomaly

30.5707, 25.7382, 11.1413

Monochromacy



Original Color

29.0752, 26.2551, 3.5353

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.7197, 23.3777, 11.7024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0752, 26.2551, 3.5353 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(191, 127, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 127, 0)  
}
```

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(191, 127, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 127, 0) }
```

Border

The CSS property to change the border of an element to XYZ 29.0752, 26.2551, 3.5353 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(191, 127, 0) }
```


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

```
.border{ border-color:rgb(191, 127, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 127, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 127, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 127, 0);  
box-shadow:4px 4px 4px 4px rgb(191, 127,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0752, 26.2551, 3.5353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 127, 0) }
```

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

```
.background{ background-color: rgb(191,  
127, 0) }
```

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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