

Converting Colors

XYZ(28.1190, 25.4509, 3.4305)

Have a look what the booklet for
XYZ(28.1190, 25.4509, 3.4305)
contains.

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Color

**XYZ(28.0727, 25.3586,
3.4151)**

Conversions

Conversions Part 1

Format	Color
Hex	BC7D00
RGB	188, 125, 0
RGB Percent	74%, 49%, 0%
CMY	0.2627, 0.5098, 1.0000
CMYK	0.00, 0.34, 1.00, 0.26
HSL	40°, 100%, 37%
HSV	40°, 100%, 74%
XYZ	28.0727, 25.3586, 3.4151
YIQ	129.5870, 77.6730, -25.5190

Conversions

Conversions Part 2

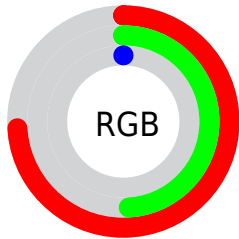
Format	Color
R _Y B	95, 188, 0
Decimal	12352768
CIE Lab	57.42, 16.50, 63.52
CIE LCh	57, 65.627, 75.437
Yxy	25.3586, 0.4938, 0.4461
Android (android.graphics.Color)	4290542848 (0xFFBC7D00)
YUV	129.5870, -63.8864, 51.2282
Hunter-Lab	50.3573, 11.3831, 31.2292

Details

The XYZ color **28.0727, 25.3586, 3.4151** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **10.8548, 7.1862, 48.3917**, and the grayscale version is **21.2723, 22.3801, 24.3719**.

A 20% lighter version of the original color is **56.0307, 52.3979, 12.6295**, and **11.6377, 9.8360, 1.2852** is the 20% darker color. If you saturate the color by 10%, you get **28.0729, 25.3592, 3.4152**, and if you desaturate by 10%, it is **29.0122, 27.0523, 4.3001**.

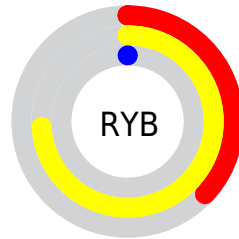
Distribution



Red (74%)

Green (49%)

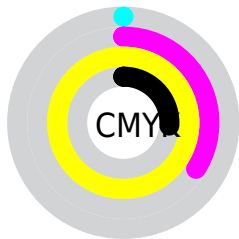
Blue (0%)



Red (37%)

Yellow (74%)

Blue (0%)

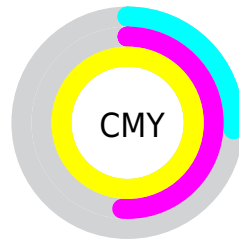


Cyan (0%)

Magenta (34%)

Yellow (100%)

Black (26%)



Cyan (26%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0727, 25.3586, 3.4151 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 28.0727, 25.3586, 3.4151 by changing the saturation by 10% instead.

■ 28.0727, 25.3586,
3.4151

■ 28.0727, 25.3586,
3.4151

284.8879,
279.6191, 141.4837

■ 18.5212, 16.3444,
1.3103

■ 56.0083, 52.2384,
12.6366

■ 11.4268, 9.7682,
0.0702

■ 75.1232, 70.8728,
20.5904

■ 6.4241, 5.2455,
0.0000

■ 98.1565, 93.4827,
31.3309

■ 3.1477, 2.3920,
0.0000

■ 125.4737,
120.4526, 45.2768

■ 1.2323, 0.8218,
0.0000

■ 157.4400,
152.1667, 62.8464

■ 0.1317, 0.0000,
0.0000

■ 194.4210,

■ 0.0000, 0.0000,

189.0096, 84.4584

0.0000

■ 236.7818,
231.3656, 110.5313

■ 28.0727, 25.3586,
3.4151

■ 28.0727, 25.3586,
3.4151

■ 28.0729, 25.3592,
3.4152

■ 29.0122, 27.0523,
4.3001

■ 30.1144, 28.8925,
5.7904

■ 31.4216, 30.8984,
8.1018

■ 32.9550, 33.0801,
11.3422

■ 34.7329, 35.4460,
15.6027

■ 36.7711, 38.0039,
20.9637

■ 39.0842, 40.7609,
27.4971

■ 41.6854, 43.7235,
35.2692

■ 44.5870, 46.8979,
44.3408

Harmonies

Analogous

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



36.2290, 25.3586, 6.9251



28.0727, 25.3586, 3.4151



20.3276, 25.3586, 3.4574

Triad

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



28.0727, 25.3586, 3.4151



12.3459, 25.3586, 40.6916



36.4418, 25.3586, 70.0333

Complementary

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



28.0727, 25.3586, 3.4151



10.8548, 7.1862, 48.3917

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.



28.3181, 25.3586, 93.1340



28.0727, 25.3586, 3.4151



15.0380, 25.3586, 70.8989

Square

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



28.0727, 25.3586, 3.4151



12.3080, 25.3586, 18.1601



20.5256, 25.3586, 93.5161



41.7226, 25.3586, 39.8771

Rectangle

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



28.0727, 25.3586, 3.4151



16.4122, 25.3586, 5.3213



20.5256, 25.3586, 93.5161



33.8835, 25.3586, 79.4567

Sweetspot

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



28.0733, 25.3599, 3.4156



70.6148, 73.6172, 49.1960



21.7167, 11.0825, 6.1188



14.7941, 15.3699, 9.4580



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



28.0733, 25.3599, 3.4156



50.6428, 45.4891, 6.1111



32.4406, 43.4193, 6.6712



10.0456, 10.5672, 10.0868



19.1842, 17.4073, 2.3488



0.8094, 0.7977, 0.1113

Inverse Universe

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



10.8548, 7.1862, 48.3917



19.4705, 12.6195, 87.6358



9.5617, 3.8808, 47.8218



9.2707, 9.7338, 12.0624



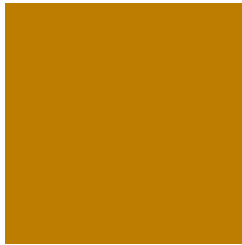
7.4523, 5.0163, 32.9684



0.3534, 0.3194, 1.3119

Previews

White Background



This preview shows how the XYZ color 28.0727, 25.3586, 3.4151 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 28.0727, 25.3586, 3.4151 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 28.0727, 25.3586, 3.4151

Background



This preview shows how black text looks on a background with the XYZ color 28.0727, 25.3586, 3.4151.



This preview shows how white text looks on a background with the XYZ color 28.0727, 25.3586,

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

28.0727, 25.3586, 3.4151

Protanopia

23.0156, 25.5622, 4.1017

Deuteranopia

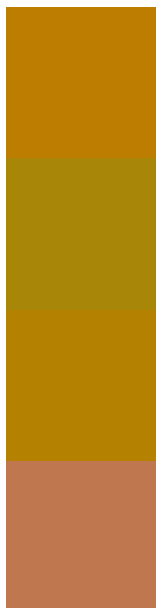
25.7955, 25.3466, 3.5328



Tritanopia

31.9394, 25.3089, 22.6038

Trichromacy



Original Color

28.0727, 25.3586, 3.4151

Protanomaly

24.7174, 25.3926, 3.8282

Deuteranomaly

26.6726, 25.4038, 3.4976

Tritanomaly

29.5307, 24.8492, 10.8294

Monochromacy



Original Color

28.0727, 25.3586, 3.4151

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.0430, 22.6422, 11.3922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0727, 25.3586, 3.4151 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(188, 125, 0)` looks like.

```
.text, #text, p{  
    color:rgb(188, 125, 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(188, 125, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 125, 0) }
```

Border

The CSS property to change the border of an element to XYZ 28.0727, 25.3586, 3.4151 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(188, 125, 0) }
```


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

```
.border{ border-color:rgb(188, 125, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 125, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 125, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 125, 0);  
box-shadow:4px 4px 4px 4px rgb(188, 125,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0727, 25.3586, 3.4151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 125, 0) }
```

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

```
.background{ background-color: rgb(188,  
125, 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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