

Converting Colors

XYZ(27.3565, 25.3691, 3.4549)

Have a look what the booklet for
XYZ(27.3565, 25.3691, 3.4549)
contains.

XYZ(27.3565, 25.3691, 3.4549)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.3565, 25.3691,
3.4549)**

Conversions

Conversions Part 1

Format	Color
Hex	B87F00
RGB	184, 127, 0
RGB Percent	72%, 50%, 0%
CMY	0.2784, 0.5019, 1.0000
CMYK	0.00, 0.31, 1.00, 0.28
HSL	41°, 100%, 36%
HSV	41°, 100%, 72%
XYZ	27.3565, 25.3691, 3.4549
YIQ	129.5650, 74.7390, -27.4130

Conversions

Conversions Part 2

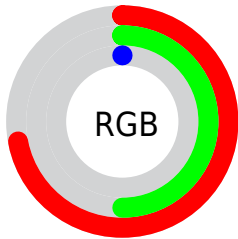
Format	Color
RYB	83, 184, 0
Decimal	12091136
CIELab	57.43, 13.60, 63.29
CIElCh	57, 64.737, 77.872
Yxy	25.3691, 0.4869, 0.4516
Android (android.graphics.Color)	4290281216 (0xFFB87F00)
YUV	129.5650, -63.8755, 47.7395
Hunter-Lab	50.3677, 8.8061, 31.1905

Details

The XYZ color **27.3565, 25.3691, 3.4549** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **10.1150, 6.3873, 46.0466**, and the grayscale version is **21.2652, 22.3727, 24.3638**.

A 20% lighter version of the original color is **55.0208, 52.4723, 12.6971**, and **11.3286, 9.8844, 1.3108** is the 20% darker color. If you saturate the color by 10%, you get **27.3566, 25.3696, 3.4550**, and if you desaturate by 10%, it is **28.2267, 26.9297, 4.3002**.

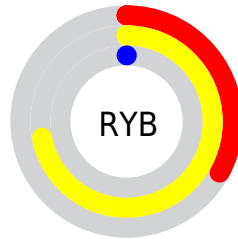
Distribution



Red (72%)

Green (50%)

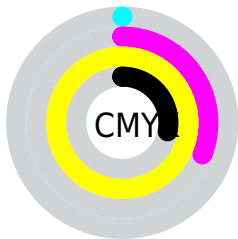
Blue (0%)



Red (33%)

Yellow (72%)

Blue (0%)

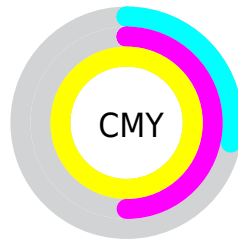


Cyan (0%)

Magenta (31%)

Yellow (100%)

Black (28%)



Cyan (28%)

Magenta (50%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3565, 25.3691, 3.4549 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 27.3565, 25.3691, 3.4549 by changing the saturation by 10% instead.

■ 27.3565, 25.3691,
3.4549

■ 27.3565, 25.3691,
3.4549

281.5153,
279.6711, 141.9589

■ 17.9791, 16.3523,
1.3313

■ 54.8713, 52.2554,
12.7317

■ 11.0346, 9.7738,
0.0873

■ 73.7394, 70.8936,
20.7220

■ 6.1576, 5.2492,
0.0000

■ 96.5017, 93.5078,
31.5050

■ 2.9827, 2.3942,
0.0000

■ 123.5238,
120.4822, 45.4992

■ 1.1446, 0.8229,
0.0000

■ 155.1708,
152.2014, 63.1231


■ 0.0620, 0.0000,
0.0000


■ 191.8081,


■ 0.0000, 0.0000,


189.0497, 84.7954


0.0000


 233.8012,
231.4115, 110.9344


 27.3565, 25.3691,
3.4549


 27.3565, 25.3691,
3.4549


 27.3566, 25.3696,
3.4550

 28.2267, 26.9297,
4.3002

 29.2445, 28.6159,
5.7167

 30.4506, 30.4462,
7.9126

 31.8649, 32.4296,
10.9898

 33.5045, 34.5738,
15.0348

■ 35.3842, 36.8858,
20.1236

■ 37.5177, 39.3721,
26.3245

■ 39.9173, 42.0384,
33.7001

■ 42.5947, 44.8903,
42.3082

Harmonies

Analogous

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



35.4607, 25.3691, 6.6084



27.3565, 25.3691, 3.4549



19.8513, 25.3691, 3.7371

Triad

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



27.3565, 25.3691, 3.4549



12.5947, 25.3691, 42.7729



36.8336, 25.3691, 66.9082

Complementary

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



27.3565, 25.3691, 3.4549



10.1150, 6.3873, 46.0466

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.



28.9438, 25.3691, 90.7576



27.3565, 25.3691, 3.4549



15.4875, 25.3691, 72.4700

Square

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



27.3565, 25.3691, 3.4549



12.3475, 25.3691, 19.6424



21.1358, 25.3691, 93.2078



41.6624, 25.3691, 37.5156

Rectangle

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



27.3565, 25.3691, 3.4549



16.1227, 25.3691, 5.8590



21.1358, 25.3691, 93.2078



34.3832, 25.3691, 76.3867

Sweetspot

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



27.3571, 25.3704, 3.4554



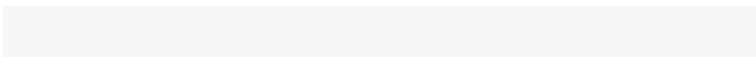
67.8042, 71.1371, 47.1005



20.5377, 10.4987, 4.9835



14.2582, 14.9223, 9.0953



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.



27.3571, 25.3704, 3.4554



49.3697, 45.5454, 6.1891



29.7673, 40.7901, 6.3046



9.5091, 10.0212, 9.5400



18.9193, 17.6150, 2.4029



0.7193, 0.7256, 0.1022

Inverse Universe

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



10.1150, 6.3873, 46.0466



18.1492, 11.2046, 83.4107



9.3029, 3.7966, 45.5894



8.7420, 9.1612, 11.3870



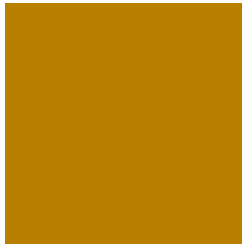
7.0272, 4.5141, 31.7540



0.3045, 0.2727, 1.1383

Previews

White Background



This preview shows how the XYZ color 27.3565, 25.3691, 3.4549 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 27.3565, 25.3691, 3.4549 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 27.3565, 25.3691, 3.4549

Background



This preview shows how black text looks on a background with the XYZ color 27.3565, 25.3691, 3.4549.



This preview shows how white text looks on a background with the XYZ color 27.3565, 25.3691,

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

27.3565, 25.3691, 3.4549

Protanopia

23.0093, 25.5597, 4.0686

Deuteranopia

25.7955, 25.3466, 3.5328



Tritanopia

31.5444, 25.4363, 23.3258

Trichromacy



Original Color

27.3565, 25.3691, 3.4549

Protanomaly

24.4337, 25.4525, 3.8548

Deuteranomaly

26.3427, 25.4302, 3.5201

Tritanomaly

29.0616, 24.9602, 11.0707

Monochromacy



Original Color

27.3565, 25.3691, 3.4549

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.9893, 22.8091, 11.4272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3565, 25.3691, 3.4549 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(184, 127, 0)` looks like.

```
.text, #text, p{  
    color:rgb(184, 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(184, 127, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 127, 0) }
```

Border

The CSS property to change the border of an element to XYZ 27.3565, 25.3691, 3.4549 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(184, 127, 0) }
```


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

```
.border{ border-color:rgb(184, 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(184, 127, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 127, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 127, 0);  
box-shadow:4px 4px 4px 4px rgb(184, 127,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3565, 25.3691, 3.4549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 127, 0) }
```

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

```
.background{ background-color: rgb(184,  
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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