

Converting Colors

XYZ(28.7780, 25.1312, 3.4781)

Have a look what the booklet for
XYZ(28.7780, 25.1312, 3.4781)
contains.

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Color

**XYZ(28.7252, 25.1365,
3.4814)**

Conversions

Conversions Part 1

Format	Color
Hex	C07A05
RGB	192, 122, 5
RGB Percent	75%, 48%, 2%
CMY	0.2471, 0.5215, 0.9804
CMYK	0.00, 0.36, 0.97, 0.25
HSL	38°, 95%, 39%
HSV	38°, 97%, 75%
XYZ	28.7252, 25.1365, 3.4814
YIQ	129.5920, 79.2770, -21.5470

Conversions

Conversions Part 2

Format	Color
R _Y B	117, 192, 5
Decimal	12614149
CIE Lab	57.21, 19.99, 62.74
CIE LCh	57, 65.849, 72.330
Yxy	25.1365, 0.5009, 0.4384
Android (android.graphics.Color)	4290804229 (0xFFC07A05)
YUV	129.5920, -61.4239, 54.7318
Hunter-Lab	50.1363, 14.5316, 30.9784

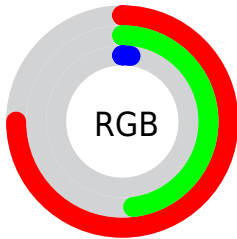
Details

The XYZ color **28.7252, 25.1365, 3.4814** is a dark color, and the websafe version is hex **996600**.

The color can be described as dark washed orange. A complement of this color would be **12.0932, 8.8704, 50.9437**, and the grayscale version is **21.2652, 22.3726, 24.3638**.

A 20% lighter version of the original color is **57.1146, 51.7851, 12.7796**, and **12.0554, 9.7516, 1.2469** is the 20% darker color. If you saturate the color by 10%, you get **28.4704, 24.6709, 3.2614**, and if you desaturate by 10%, it is **29.7808, 27.0245, 4.5221**.

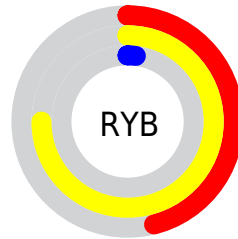
Distribution



Red (75%)

Green (48%)

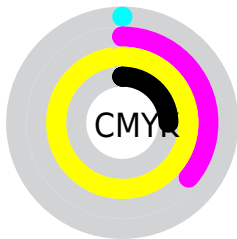
Blue (2%)



Red (46%)

Yellow (75%)

Blue (2%)

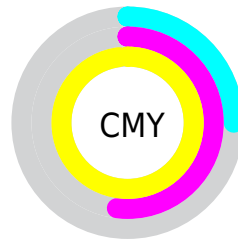


Cyan (0%)

Magenta (36%)

Yellow (97%)

Black (25%)



Cyan (25%)

Magenta (52%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.7252, 25.1365, 3.4814 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 28.7252, 25.1365, 3.4814 by changing the saturation by 10% instead.

■ 28.7252, 25.1365,
3.4814

■ 28.7252, 25.1365,
3.4814

287.9338,
278.5170, 142.2739

■ 19.0163, 16.1788,
1.3454

■ 57.0408, 51.8786,
12.7949

■ 11.7861, 9.6508,
0.0986

■ 76.3782, 70.4317,
20.8094

■ 6.6694, 5.1680,
0.0000

■ 99.6557, 92.9521,
31.6205

■ 3.3007, 2.3462,
0.0000

■ 127.2388,
119.8242, 45.6468

■ 1.3147, 0.7980,
0.0000

■ 159.4928,
151.4324, 63.3067

■ 0.1942, 0.0000,
0.0000

■ 196.7831,

■ 0.0000, 0.0000,

188.1609, 85.0188

0.0000

239.4750,
230.3944, 111.2017

28.7252, 25.1365,
3.4814

28.7252, 25.1365,
3.4814

28.4704, 24.6709,
3.2614

29.7808, 27.0245,
4.5221

31.0393, 29.0992,
6.3056

32.5320, 31.3762,
8.9869

34.2806, 33.8664,
12.6743

36.3040, 36.5793,
17.4608

■ 38.6188, 39.5234,
23.4286

■ 41.2404, 42.7069,
30.6520

■ 44.1826, 46.1371,
39.1990

■ 47.4586, 49.8210,
49.1330

Harmonies

Analogous

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



36.7425, 25.1365, 7.4710



28.7252, 25.1365, 3.4814



20.8379, 25.1365, 3.2266

Triad

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



28.7252, 25.1365, 3.4814



12.0560, 25.1365, 37.5731



35.4451, 25.1365, 72.8209

Complementary

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



28.7252, 25.1365, 3.4814



12.0932, 8.8704, 50.9437

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.



27.2297, 25.1365, 94.1687



28.7252, 25.1365, 3.4814



14.4522, 25.1365, 67.5349

Square

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



28.7252, 25.1365, 3.4814



12.2860, 25.1365, 16.3173



19.6329, 25.1365, 91.8338



41.1642, 25.1365, 42.5395

Rectangle

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



28.7252, 25.1365, 3.4814



16.7521, 25.1365, 4.7852



19.6329, 25.1365, 91.8338



32.8162, 25.1365, 81.8654

Sweetspot

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



28.7258, 25.1378, 3.4819



73.6942, 76.1511, 52.6340



23.1210, 11.8465, 8.0315



15.3675, 15.8015, 10.0675



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.



28.7258, 25.1378, 3.4819



51.3372, 44.2030, 5.8263



35.4943, 46.2766, 7.2053



10.5864, 11.1041, 10.6472



19.2343, 16.7544, 2.2202



0.8955, 0.8527, 0.1174

Inverse Universe

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



12.0932, 8.8704, 50.9437



21.2017, 14.8199, 92.1034



10.0161, 4.1451, 50.1411



9.8303, 10.3519, 12.7648



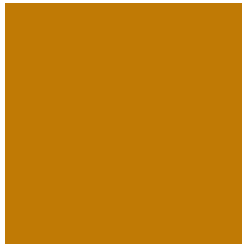
8.0251, 5.8066, 34.2544



0.4131, 0.3836, 1.5022

Previews

White Background



This preview shows how the XYZ color 28.7252, 25.1365, 3.4814 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 28.7252, 25.1365, 3.4814 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 28.7252, 25.1365, 3.4814

Background



This preview shows how black text looks on a background with the XYZ color 28.7252, 25.1365, 3.4814.



This preview shows how white text looks on a background with the XYZ color 28.7252, 25.1365,

3.4814.

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

28.7252, 25.1365, 3.4814

Protanopia

22.6853, 25.1772, 4.0795

Deuteranopia

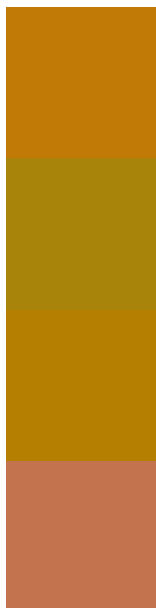
25.5719, 25.2313, 3.5223



Tritanopia

32.4439, 25.0857, 21.5444

Trichromacy



Original Color

28.7252, 25.1365, 3.4814

Protanomaly

24.4601, 24.8515, 3.8242

Deuteranomaly

26.7862, 25.2665, 3.5226

Tritanomaly

30.1624, 24.6574, 10.5668

Monochromacy



Original Color

28.7252, 25.1365, 3.4814

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.3659, 22.6069, 11.7791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7252, 25.1365, 3.4814 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(192, 122, 5)` looks like.

```
.text, #text, p{  
    color:rgb(192, 122, 5)  
}
```

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(192, 122, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 122, 5) }
```

Border

The CSS property to change the border of an element to XYZ 28.7252, 25.1365, 3.4814 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(192, 122, 5) }
```


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

```
.border{ border-color:rgb(192, 122, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 122, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 122, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 122, 5);  
box-shadow:4px 4px 4px 4px rgb(192, 122,  
5) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7252, 25.1365, 3.4814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 122, 5) }
```

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

```
.background{ background-color: rgb(192,  
122, 5) }
```

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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