

Converting Colors

XYZ(50.7132, 45.6204, 28.6870)

Have a look what the booklet for
XYZ(50.7132, 45.6204, 28.6870)
contains.

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Color

**XYZ(50.7132, 45.6204,
28.6870)**

Conversions

Conversions Part 1

Format	Color
Hex	E7A586
RGB	231, 165, 134
RGB Percent	91%, 65%, 53%
CMY	0.0941, 0.3529, 0.4745
CMYK	0.00, 0.29, 0.42, 0.09
HSL	19°, 67%, 72%
HSV	19°, 42%, 91%
XYZ	50.7132, 45.6204, 28.6870
YIQ	181.2000, 49.2870, 4.3510

Conversions

Conversions Part 2

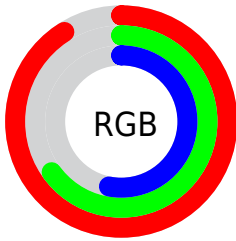
Format	Color
R _Y B	231, 180, 134
Decimal	15181190
CIE Lab	73.30, 20.63, 25.75
CIE LCh	73, 32.993, 51.298
Yxy	45.6204, 0.4056, 0.3649
Android (android.graphics.Color)	4293371270 (0xFFE7A586)
YUV	181.2000, -23.2696, 43.6746
Hunter-Lab	67.5429, 15.8231, 22.0982

Details

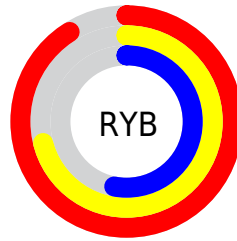
The XYZ color **50.7132, 45.6204, 28.6870** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **44.9087, 52.1444, 83.2991**, and the grayscale version is **44.1335, 46.4319, 50.5643**.

A 20% lighter version of the original color is **75.8028, 76.0343, 57.6945**, and **24.7389, 21.3346, 11.2016** is the 20% darker color. If you saturate the color by 10%, you get **46.6121, 39.7211, 20.2207**, and if you desaturate by 10%, it is **55.5169, 52.3616, 39.1245**.

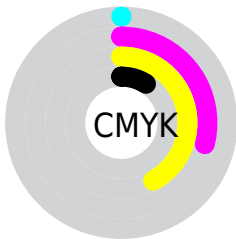
Distribution



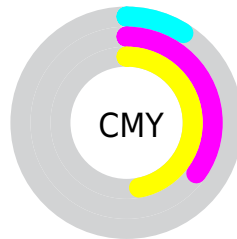
- Red (91%)
- Green (65%)
- Blue (53%)



- Red (91%)
- Yellow (71%)
- Blue (53%)



- Cyan (0%)
- Magenta (29%)
- Yellow (42%)
- Black (9%)





- Cyan (9%)
- Magenta (35%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7132, 45.6204, 28.6870 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 50.7132, 45.6204, 28.6870 by changing the saturation by 10% instead.

 50.7132, 45.6204,
28.6870


 50.7132, 45.6204,
28.6870


379.8545,
369.2804, 309.7498


 36.2005, 31.9464,
18.6006


 90.4162, 83.6506,
58.6157

 24.7599, 21.3205,
11.2082


 116.3373,
108.7756, 79.2950

 16.0261, 13.3585,
6.0911


 146.7918,
138.4863, 104.3425

 9.6336, 7.6759,
2.8309

182.1452,
173.1672, 134.1765

 5.2171, 3.8883,
1.0089

222.7628,
213.2027, 169.2158

 2.4112, 1.6113,
0.0000

269.0100,

 0.8507, 0.3652,

258.9771, 209.8787

0.0000

321.2521,
310.8749, 256.5839

■ 0.0000, 0.0000,
0.0000

■ 50.7132, 45.6204,
28.6870

■ 50.7132, 45.6204,
28.6870

■ 46.6121, 39.7211,
20.2207

■ 55.5169, 52.3616,
39.1245

■ 43.1744, 34.6227,
13.5968

■ 61.0527, 59.9704,
51.6453

■ 40.3621, 30.2903,
8.6751

■ 67.3527, 68.4796,
66.3564

■ 38.1310, 26.6837,
5.2940

■ 74.4456, 77.9180,
83.3566

■ 36.4301, 23.7578,
3.2596

■ 82.3589, 88.3132,
102.7385

■ 35.3928, 21.8647,
2.3549

■ 86.7650, 95.7289,
108.5123

Harmonies

Analogous

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



54.6014, 45.6204, 38.9535



50.7132, 45.6204, 28.6870



45.0699, 45.6204, 24.3212

Triad

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



50.7132, 45.6204, 28.6870



33.2464, 45.6204, 44.9962



47.5382, 45.6204, 85.7615

Complementary

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



50.7132, 45.6204, 28.6870



44.9087, 52.1444, 83.2991

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.



41.6955, 45.6204, 88.3977



50.7132, 45.6204, 28.6870



33.7796, 45.6204, 62.1978

Square

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



50.7132, 45.6204, 28.6870



35.2282, 45.6204, 32.2615



36.7558, 45.6204, 78.9942



52.6577, 45.6204, 72.4352

Rectangle

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



50.7132, 45.6204, 28.6870



41.2129, 45.6204, 24.4775



36.7558, 45.6204, 78.9942



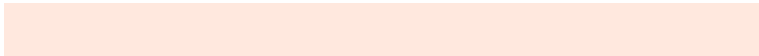
45.5821, 45.6204, 88.0293

Sweetspot

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



50.7144, 45.6226, 28.6879



83.3871, 84.4906, 80.9152



51.9388, 38.2229, 59.4579



17.4608, 17.5634, 16.4073



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



50.7144, 45.6226, 28.6879



59.1530, 50.9045, 26.9578



61.1070, 66.4078, 32.1521



14.7511, 15.1162, 15.0447



19.9409, 12.4560, 1.3532



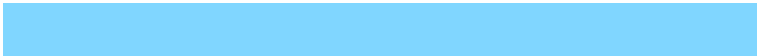
1.5550, 1.0834, 0.1272

Inverse Universe

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



44.9087, 52.1444, 83.2991



50.9859, 59.9882, 103.4994



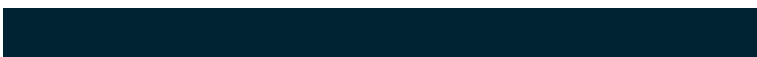
35.4488, 33.2245, 80.1458



14.3987, 15.5187, 18.3809



14.9777, 17.0175, 44.8785



1.1897, 1.4234, 3.3440

Previews

White Background



This preview shows how the XYZ color 50.7132, 45.6204, 28.6870 looks on a white background.

Color Contrast Check

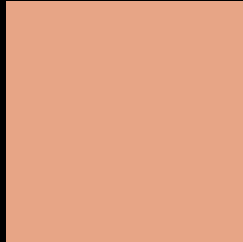
Large Text (above 18pt) WCAG AA × Fail

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 50.7132, 45.6204, 28.6870 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 50.7132, 45.6204, 28.6870

Background



This preview shows how black text looks on a background with the XYZ color 50.7132, 45.6204, 28.6870.



This preview shows how white text looks on a background with the XYZ color 50.7132, 45.6204,

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

50.7132, 45.6204, 28.6870

Protanopia

42.8672, 45.7721, 31.7749

Deuteranopia

46.5490, 45.6992, 28.1972



Tritanopia

53.9489, 45.6126, 44.9904

Trichromacy



Original Color

50.7132, 45.6204, 28.6870

Protanomaly

45.3710, 45.6167, 30.4584

Deuteranomaly

48.1236, 45.6585, 28.4669

Tritanomaly

52.6962, 45.6329, 38.3784

Monochromacy



Original Color

50.7132, 45.6204, 28.6870

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

45.5840, 45.4824, 41.4984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7132, 45.6204, 28.6870 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(231, 165, 134)` looks like.

```
.text, #text, p{  
    color:rgb(231, 165, 134)  
}
```

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(231, 165, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 165, 134) }
```

Border

The CSS property to change the border of an element to XYZ 50.7132, 45.6204, 28.6870 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(231, 165, 134) }
```


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

```
.border{ border-color:rgb(231, 165, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 165, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 165, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 165, 134);  
box-shadow:4px 4px 4px 4px rgb(231, 165,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7132, 45.6204, 28.6870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 165, 134) }
```

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

```
.background{ background-color: rgb(231,  
165, 134) }
```

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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