

Converting Colors

XYZ(50.0361, 45.6194, 22.6888)

Have a look what the booklet for
XYZ(50.0361, 45.6194, 22.6888)
contains.

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Color

**XYZ(50.0673, 45.6892,
22.7031)**

Conversions

Conversions Part 1

Format	Color
Hex	E8A674
RGB	232, 166, 116
RGB Percent	91%, 65%, 45%
CMY	0.0902, 0.3490, 0.5451
CMYK	0.00, 0.28, 0.50, 0.09
HSL	26°, 72%, 68%
HSV	26°, 50%, 91%
XYZ	50.0673, 45.6892, 22.7031
YIQ	180.0340, 55.3860, -1.5580

Conversions

Conversions Part 2

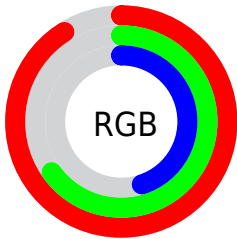
Format	Color
R_{YB}	232, 204, 116
Decimal	15246964
CIE _{Lab}	73.34, 18.71, 35.44
CIE _{LCh}	73, 40.078, 62.175
Yxy	45.6892, 0.4227, 0.3857
Android (android.graphics.Color)	4293437044 (0xFFE8A674)
YUV	180.0340, -31.5688, 45.5742
Hunter-Lab	67.5938, 13.9274, 27.4016

Details

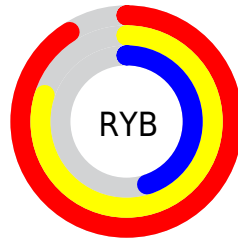
The XYZ color **50.0673, 45.6892, 22.7031** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **38.4951, 42.9932, 82.6132**, and the grayscale version is **43.5450, 45.8128, 49.8901**.

A 20% lighter version of the original color is **74.2579, 75.8375, 48.2604**, and **24.4860, 21.4385, 8.1577** is the 20% darker color. If you saturate the color by 10%, you get **46.6053, 40.6620, 15.7022**, and if you desaturate by 10%, it is **54.1148, 51.3482, 31.5625**.

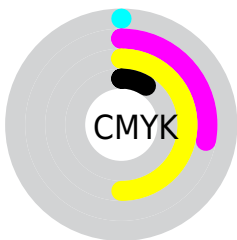
Distribution



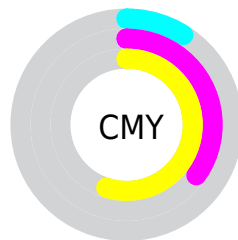
- Red (91%)
- Green (65%)
- Blue (45%)



- Red (91%)
- Yellow (80%)
- Blue (45%)



- Cyan (0%)
- Magenta (28%)
- Yellow (50%)
- Black (9%)





- Cyan (9%)
- Magenta (35%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.0673, 45.6892, 22.7031 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 50.0673, 45.6892, 22.7031 by changing the saturation by 10% instead.


 50.0673, 45.6892,
22.7031


 50.0673, 45.6892,
22.7031


377.3767,
369.5577, 279.2687

 35.6849, 32.0006,
14.1712


 89.4658, 83.7537,
48.8224

 24.3599, 21.3620,
8.0997


 115.2126,
108.8984, 67.2468

 15.7270, 13.3889,
4.0701


 145.4783,
138.6305, 89.8058

 9.4208, 7.6969,
1.6639

180.6281,
173.3346, 116.9180

 5.0760, 3.9016,
0.3358

221.0276,
213.3950, 149.0018

 2.3271, 1.6187,
0.0000

267.0419,

 0.8085, 0.3701,

259.1960, 186.4758

0.0000

319.0365,
311.1221, 229.7586

■ 0.0000, 0.0000,
0.0000

■ 50.0673, 45.6892,
22.7031

■ 50.0673, 45.6892,
22.7031

■ 46.6053, 40.6620,
15.7022

■ 54.1148, 51.3482,
31.5625

■ 43.6925, 36.2349,
10.4199

■ 58.7744, 57.6556,
42.4009

■ 41.2930, 32.3828,
6.7006

■ 64.0750, 64.6357,
55.3315

■ 39.3639, 29.0757,
4.3587

■ 70.0425, 72.3091,
70.4583

■ 37.8369, 26.2723,
3.0769

■ 76.7011, 80.6957,
87.8784

■ 37.8368, 26.2721,
3.0768

■ 84.0414, 89.8014,
107.5117

■ 87.0886, 95.8957,
108.5274

Harmonies

Analogous

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



55.9429, 45.6892, 31.8032



50.0673, 45.6892, 22.7031



42.9137, 45.6892, 20.1598

Triad

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



50.0673, 45.6892, 22.7031



31.2379, 45.6892, 51.2359



51.0535, 45.6892, 90.3837

Complementary

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



50.0673, 45.6892, 22.7031



38.4951, 42.9932, 82.6132

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.



43.9427, 45.6892, 99.5120



50.0673, 45.6892, 22.7031



32.9314, 45.6892, 73.4218

Square

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



50.0673, 45.6892, 22.7031



32.5054, 45.6892, 33.7350



37.4000, 45.6892, 92.5954



56.5542, 45.6892, 70.1629

Rectangle

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



50.0673, 45.6892, 22.7031



38.5073, 45.6892, 21.7576



37.4000, 45.6892, 92.5954



48.7472, 45.6892, 95.0649

Sweetspot

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



50.0684, 45.6914, 22.7040



82.9385, 84.6699, 77.4469



48.1410, 33.0937, 49.0151



17.4212, 17.6961, 15.7411



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.



50.0684, 45.6914, 22.7040



57.6327, 50.2081, 19.2239



62.6409, 70.8364, 26.8948



14.8854, 15.3847, 15.0894



21.1253, 14.8247, 1.7480



1.6519, 1.2771, 0.1594

Inverse Universe

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



38.4951, 42.9932, 82.6132



41.7367, 46.4592, 101.3755



29.1866, 24.3763, 79.5104



14.2600, 15.2414, 18.3346



12.7937, 12.6494, 44.1505



1.0373, 1.1185, 3.2932

Previews

White Background



This preview shows how the XYZ color 50.0673, 45.6892, 22.7031 looks on a white background.

Color Contrast Check

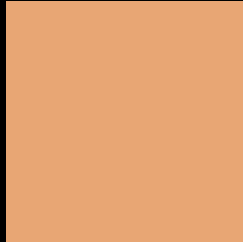
Large Text (above 18pt) WCAG AA × Fail

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 50.0673, 45.6892, 22.7031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

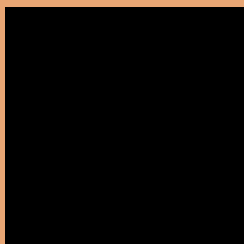
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.0673, 45.6892, 22.7031

Background



This preview shows how black text looks on a background with the XYZ color 50.0673, 45.6892, 22.7031.



This preview shows how white text looks on a background with the XYZ color 50.0673, 45.6892,

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

50.0673, 45.6892, 22.7031

Protanopia

42.5991, 45.7834, 25.0042

Deuteranopia

46.7605, 45.6483, 22.5661



Tritanopia

54.6739, 45.7411, 44.4754

Trichromacy



Original Color

50.0673, 45.6892, 22.7031

Protanomaly

45.0146, 45.5713, 24.1929

Deuteranomaly

47.9007, 45.6752, 22.5112

Tritanomaly

52.7672, 45.7372, 35.3252

Monochromacy



Original Color

50.0673, 45.6892, 22.7031

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

44.9690, 45.2364, 38.2597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0673, 45.6892, 22.7031 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(232, 166, 116)` looks like.

```
.text, #text, p{  
    color:rgb(232, 166, 116)  
}
```

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(232, 166, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 166, 116) }
```

Border

The CSS property to change the border of an element to XYZ 50.0673, 45.6892, 22.7031 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(232, 166, 116) }
```


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

```
.border{ border-color:rgb(232, 166, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 166, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 166, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 166, 116);  
box-shadow:4px 4px 4px 4px rgb(232, 166,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0673, 45.6892, 22.7031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 166, 116) }
```

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

```
.background{ background-color: rgb(232,  
166, 116) }
```

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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