

Converting Colors

XYZ(52.0183, 46.6231, 28.0814)

Have a look what the booklet for
XYZ(52.0183, 46.6231, 28.0814)
contains.

XYZ(52.0620, 46.6005, 28.0806)	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(52.0620, 46.6005,
28.0806)**

Conversions

Conversions Part 1

Format	Color
Hex	EBA684
RGB	235, 166, 132
RGB Percent	92%, 65%, 52%
CMY	0.0784, 0.3490, 0.4823
CMYK	0.00, 0.29, 0.44, 0.08
HSL	20°, 72%, 72%
HSV	20°, 44%, 92%
XYZ	52.0620, 46.6005, 28.0806
YIQ	182.7550, 52.0380, 4.0540

Conversions

Conversions Part 2

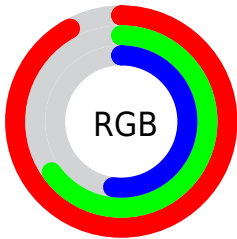
Format	Color
R _Y B	235, 183, 132
Decimal	15443588
CIE Lab	73.93, 21.46, 27.75
CIE LCh	74, 35.080, 52.291
Yxy	46.6005, 0.4108, 0.3677
Android (android.graphics.Color)	4293633668 (0xFFEBA684)
YUV	182.7550, -25.0222, 45.8189
Hunter-Lab	68.2646, 16.6701, 23.3963

Details

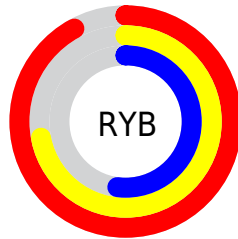
The XYZ color **52.0620, 46.6005, 28.0806** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **45.3968, 52.6748, 86.3717**, and the grayscale version is **44.9893, 47.3322, 51.5448**.

A 20% lighter version of the original color is **75.8534, 76.4757, 56.6623**, and **25.6718, 21.9909, 10.8743** is the 20% darker color. If you saturate the color by 10%, you get **47.9430, 40.6528, 19.6476**, and if you desaturate by 10%, it is **56.8958, 53.3982, 38.5397**.

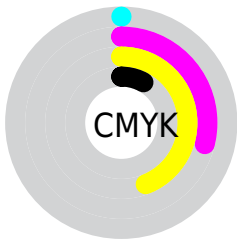
Distribution



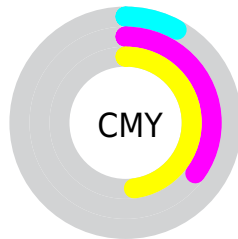
- Red (92%)
- Green (65%)
- Blue (52%)



- Red (92%)
- Yellow (72%)
- Blue (52%)



- Cyan (0%)
- Magenta (29%)
- Yellow (44%)
- Black (8%)





- Cyan (8%)
- Magenta (35%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0620, 46.6005, 28.0806 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 52.0620, 46.6005, 28.0806 by changing the saturation by 10% instead.


 52.0620, 46.6005,
28.0806


 52.0620, 46.6005,
28.0806


384.9959,
373.2176, 306.7759

 37.2790, 32.7199,
18.1469


 92.3964, 85.1170,
57.6377

 25.5982, 21.9120,
10.8849


 118.6784,
110.5217, 78.0982

 16.6544, 13.7922,
5.8763


 149.5241,
140.5366, 102.9047

 10.0822, 7.9763,
2.7024

185.2989,
175.5461, 132.4757

 5.5162, 4.0798,
0.9447

226.3682,
215.9345, 167.2298

 2.5910, 1.7183,
0.0000

273.0972,

 0.9414, 0.4355,

262.0863, 207.5855

0.0000

325.8513,
314.3859, 253.9613

■ 0.0000, 0.0000,
0.0000

■ 52.0620, 46.6005,
28.0806

■ 52.0620, 46.6005,
28.0806

■ 47.9430, 40.6528,
19.6476

■ 56.8958, 53.3982,
38.5397

■ 44.4982, 35.5132,
13.1041

■ 62.4752, 61.0719,
51.1438

■ 41.6876, 31.1462,
8.3007

■ 68.8333, 69.6548,
66.0057

■ 39.4650, 27.5105,
5.0639

■ 76.0002, 79.1764,
83.2294

■ 37.7760, 24.5600,
3.1831

■ 84.0040, 89.6647,
102.9126

■ 36.9559, 23.0521,
2.5017

■ 88.0709, 96.4021,
108.5734

Harmonies

Analogous

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



56.3762, 46.6005, 38.7663



52.0620, 46.6005, 28.0806



45.9251, 46.6005, 23.6924

Triad

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



52.0620, 46.6005, 28.0806



33.4129, 46.6005, 46.2591



49.0118, 46.6005, 89.7403

Complementary

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



52.0620, 46.6005, 28.0806



45.3968, 52.6748, 86.3717

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.



42.6988, 46.6005, 93.0897



52.0620, 46.6005, 28.0806



34.0718, 46.6005, 64.9557

Square

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



52.0620, 46.6005, 28.0806



35.4441, 46.6005, 32.4563



37.3370, 46.6005, 83.1522



54.5028, 46.6005, 74.8535

Rectangle

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



52.0620, 46.6005, 28.0806



41.7816, 46.6005, 23.9814



37.3370, 46.6005, 83.1522



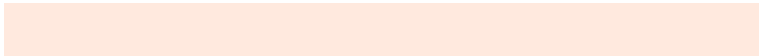
46.9018, 46.6005, 92.3750

Sweetspot

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



52.0632, 46.6028, 28.0815



83.4855, 84.6874, 80.9480



53.2185, 38.4475, 60.7318



17.4849, 17.6116, 16.4153



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.



52.0632, 46.6028, 28.0815



57.9807, 49.3317, 24.1877



63.0116, 68.4997, 31.7310



15.4717, 15.8664, 15.7658



20.6718, 13.0378, 1.4270



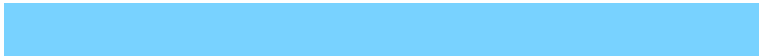
1.7084, 1.1942, 0.1405

Inverse Universe

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



45.3968, 52.6748, 86.3717



48.9156, 57.4837, 103.1251



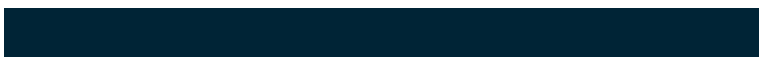
35.5593, 32.9998, 83.0926



15.0744, 16.2352, 19.2614



15.2167, 17.0804, 46.2378



1.2823, 1.5161, 3.6599

Previews

White Background



This preview shows how the XYZ color 52.0620, 46.6005, 28.0806 looks on a white background.

Color Contrast Check

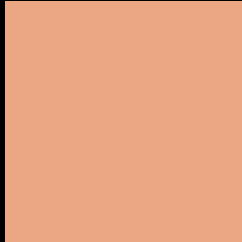
Large Text (above 18pt) WCAG AA × Fail

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 52.0620, 46.6005, 28.0806 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 52.0620, 46.6005, 28.0806

Background



This preview shows how black text looks on a background with the XYZ color 52.0620, 46.6005, 28.0806.



This preview shows how white text looks on a background with the XYZ color 52.0620, 46.6005,

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

52.0620, 46.6005, 28.0806

Protanopia

43.8938, 46.9221, 31.1695

Deuteranopia

47.4842, 46.4827, 27.5885



Tritanopia

55.7102, 46.5095, 45.5761

Trichromacy



Original Color

52.0620, 46.6005, 28.0806

Protanomaly

46.5476, 46.5299, 29.8204

Deuteranomaly

49.0911, 46.4525, 27.8516

Tritanomaly

54.3518, 46.4864, 38.4559

Monochromacy



Original Color

52.0620, 46.6005, 28.0806

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

46.7801, 46.6812, 41.6667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0620, 46.6005, 28.0806 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(235, 166, 132)` looks like.

```
.text, #text, p{  
    color:rgb(235, 166, 132)  
}
```

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(235, 166, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 166, 132) }
```

Border

The CSS property to change the border of an element to XYZ 52.0620, 46.6005, 28.0806 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(235, 166, 132) }
```


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

```
.border{ border-color:rgb(235, 166, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 166, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 166, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 166, 132);  
box-shadow:4px 4px 4px 4px rgb(235, 166,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0620, 46.6005, 28.0806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 166, 132) }
```

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

```
.background{ background-color: rgb(235,  
166, 132) }
```

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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