

Converting Colors

XYZ(52.1926, 50.2366, 27.4181)

Have a look what the booklet for
XYZ(52.1926, 50.2366, 27.4181)
contains.

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Color

**XYZ(52.3295, 50.4567,
27.4031)**

Conversions

Conversions Part 1

Format	Color
Hex	E5B380
RGB	229, 179, 128
RGB Percent	90%, 70%, 50%
CMY	0.1020, 0.2980, 0.4980
CMYK	0.00, 0.22, 0.44, 0.10
HSL	30°, 66%, 70%
HSV	30°, 44%, 90%
XYZ	52.3295, 50.4567, 27.4031
YIQ	188.1360, 46.1710, -5.2610

Conversions

Conversions Part 2

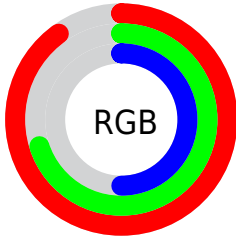
Format	Color
R _Y B	227, 229, 128
Decimal	15053696
CIE Lab	76.35, 11.75, 32.95
CIE LCh	76, 34.980, 70.380
Yxy	50.4567, 0.4019, 0.3876
Android (android.graphics.Color)	4293243776 (0xFFE5B380)
YUV	188.1360, -29.6470, 35.8377
Hunter-Lab	71.0329, 7.1923, 26.8501

Details

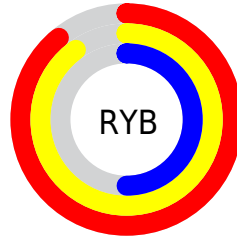
The XYZ color **52.3295, 50.4567, 27.4031** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **38.9648, 42.0856, 80.1984**, and the grayscale version is **48.0232, 50.5241, 55.0208**.

A 20% lighter version of the original color is **79.2888, 84.0129, 55.7532**, and **25.6306, 24.1297, 10.5143** is the 20% darker color. If you saturate the color by 10%, you get **48.8100, 45.5637, 19.6141**, and if you desaturate by 10%, it is **56.3785, 55.8641, 37.0477**.

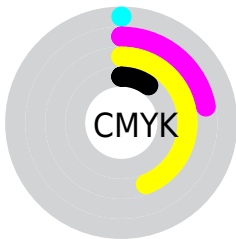
Distribution



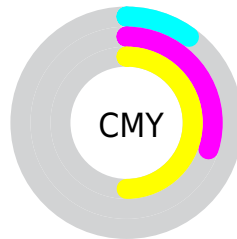
- Red (90%)
- Green (70%)
- Blue (50%)



- Red (89%)
- Yellow (90%)
- Blue (50%)



- Cyan (0%)
- Magenta (22%)
- Yellow (44%)
- Black (10%)





- Cyan (10%)
- Magenta (30%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3295, 50.4567, 27.4031 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 52.3295, 50.4567, 27.4031 by changing the saturation by 10% instead.


 52.3295, 50.4567,
27.4031


 52.3295, 50.4567,
27.4031


386.0104,
388.4492, 303.4253

 37.4931, 35.7764,
17.6411

 92.7884, 90.8512,
56.5416

 25.7649, 24.2616,
10.5258

 119.1415,
117.3342, 76.7552

 16.7796, 15.5278,
5.6388

 150.0643,
148.5202, 101.2897

 10.1718, 9.1906,
2.5615

185.9221,
184.7936, 130.5637

 5.5762, 4.8657,
0.8725

227.0803,
226.5388, 164.9957

 2.6273, 2.1687,
0.0000

273.9042,

 0.9599, 0.7028,

274.1402, 205.0043

0.0000

326.7591,
327.9822, 251.0080

■ 0.0000, 0.0000,
0.0000

■ 52.3295, 50.4567,
27.4031

■ 52.3295, 50.4567,
27.4031

■ 48.8100, 45.5637,
19.6141

■ 56.3785, 55.8641,
37.0477

■ 45.7885, 41.1598,
13.5543

■ 60.9785, 61.7958,
48.6570

■ 43.2357, 37.2275,
9.0857

■ 66.1543, 68.2703,
62.3350

■ 41.1164, 33.7453,
6.0478

■ 71.9279, 75.3027,
78.1777

■ 39.3889, 30.6882,
4.2454

■ 78.3199, 82.9077,
96.2749

■ 38.5176, 29.0671,
3.5804

■ 83.6296, 90.4110,
107.6511

■ 86.1231, 95.3980,
108.4822

Harmonies

Analogous

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



58.2479, 50.4567, 34.6610



52.3295, 50.4567, 27.4031



45.7155, 50.4567, 26.4644

Triad

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



52.3295, 50.4567, 27.4031



36.5653, 50.4567, 61.7242



56.6236, 50.4567, 87.3955

Complementary

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



52.3295, 50.4567, 27.4031



38.9648, 42.0856, 80.1984

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.



50.2718, 50.4567, 98.8066



52.3295, 50.4567, 27.4031



38.9567, 50.4567, 81.8940

Square

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



52.3295, 50.4567, 27.4031



37.0070, 50.4567, 43.6551



43.8362, 50.4567, 96.5905



60.8797, 50.4567, 68.0163

Rectangle

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



52.3295, 50.4567, 27.4031



41.8435, 50.4567, 29.2477



43.8362, 50.4567, 96.5905



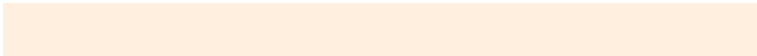
54.6400, 50.4567, 92.4706

Sweetspot

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



52.3308, 50.4591, 27.4041



85.1515, 88.0195, 81.5034



48.1188, 35.3313, 46.6671



17.8944, 18.4306, 16.5518



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.



52.3308, 50.4591, 27.4041



62.6258, 58.6219, 25.7360



64.2288, 74.2552, 31.3701



14.9755, 15.5649, 15.1195



22.1432, 16.8606, 2.0874



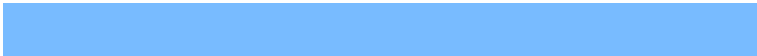
1.7292, 1.4318, 0.1852

Inverse Universe

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



38.9648, 42.0856, 80.1984



43.4921, 46.6367, 101.3172



30.7646, 25.6852, 77.4650



14.1691, 15.0596, 18.3043



11.6053, 10.2728, 43.7543



0.9504, 0.9448, 3.2642

Previews

White Background



This preview shows how the XYZ color 52.3295, 50.4567, 27.4031 looks on a white background.

Color Contrast Check

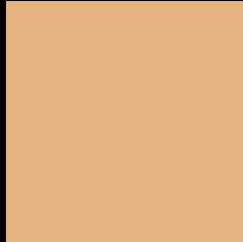
Large Text (above 18pt) WCAG AA × Fail

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 52.3295, 50.4567, 27.4031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

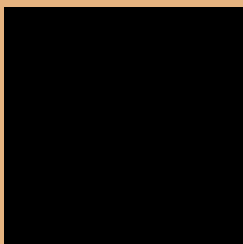
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3295, 50.4567, 27.4031

Background



This preview shows how black text looks on a background with the XYZ color 52.3295, 50.4567, 27.4031.



This preview shows how white text looks on a background with the XYZ color 52.3295, 50.4567,

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

52.3295, 50.4567, 27.4031

Protanopia

47.0499, 50.4698, 29.0916

Deuteranopia

51.5816, 50.3698, 27.4258



Tritanopia

57.4412, 50.5003, 52.6190

Trichromacy



Original Color

52.3295, 50.4567, 27.4031

Protanomaly

48.8863, 50.4828, 28.6403

Deuteranomaly

51.8961, 50.5319, 27.4405

Tritanomaly

55.3095, 50.4961, 41.9536

Monochromacy



Original Color

52.3295, 50.4567, 27.4031

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.8605, 50.1476, 43.1806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3295, 50.4567, 27.4031 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(229, 179, 128)` looks like.

```
.text, #text, p{  
    color:rgb(229, 179, 128)  
}
```

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(229, 179, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 179, 128) }
```

Border

The CSS property to change the border of an element to XYZ 52.3295, 50.4567, 27.4031 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(229, 179, 128) }
```


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

```
.border{ border-color:rgb(229, 179, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 179, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 179, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 179, 128);  
box-shadow:4px 4px 4px 4px rgb(229, 179,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3295, 50.4567, 27.4031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 179, 128) }
```

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

```
.background{ background-color: rgb(229,  
179, 128) }
```

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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