

Converting Colors

XYZ(51.9371, 50.7245, 26.3427)

Have a look what the booklet for
XYZ(51.9371, 50.7245, 26.3427)
contains.

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Color

**XYZ(52.0178, 50.6172,
26.4305)**

Conversions

Conversions Part 1

Format	Color
Hex	E4B47D
RGB	228, 180, 125
RGB Percent	89%, 71%, 49%
CMY	0.1059, 0.2941, 0.5098
CMYK	0.00, 0.21, 0.45, 0.11
HSL	32°, 66%, 69%
HSV	32°, 45%, 89%
XYZ	52.0178, 50.6172, 26.4305
YIQ	188.0820, 46.2630, -6.9290

Conversions

Conversions Part 2

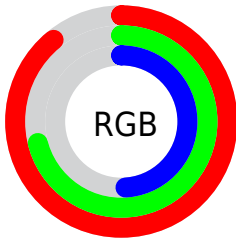
Format	Color
R _Y B	215, 228, 125
Decimal	14988413
CIE Lab	76.45, 10.51, 34.63
CIE LCh	76, 36.189, 73.119
Yxy	50.6172, 0.4030, 0.3922
Android (android.graphics.Color)	4293178493 (0xFFE4B47D)
YUV	188.0820, -31.0994, 35.0081
Hunter-Lab	71.1458, 6.0041, 27.7759

Details

The XYZ color **52.0178, 50.6172, 26.4305** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **37.4039, 39.8468, 79.1183**, and the grayscale version is **48.0004, 50.5002, 54.9947**.

A 20% lighter version of the original color is **79.2713, 84.4653, 54.2449**, and **25.4369, 24.2328, 9.9933** is the 20% darker color. If you saturate the color by 10%, you get **48.6622, 45.9756, 18.9323**, and if you desaturate by 10%, it is **55.8746, 55.7262, 35.7461**.

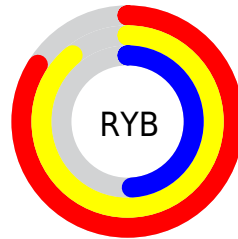
Distribution



Red (89%)

Green (71%)

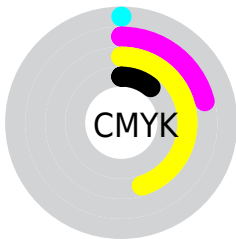
Blue (49%)



Red (84%)

Yellow (89%)

Blue (49%)

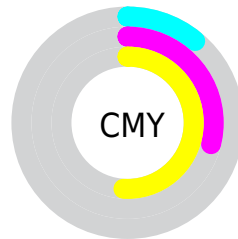


Cyan (0%)

Magenta (21%)

Yellow (45%)

Black (11%)



Cyan (11%)


Magenta (29%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0178, 50.6172, 26.4305 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 52.0178, 50.6172, 26.4305 by changing the saturation by 10% instead.

 52.0178, 50.6172,
26.4305


 52.0178, 50.6172,
26.4305


384.8282,
389.0747, 298.5615

 37.2436, 35.9041,
16.9173


 92.3316, 91.0887,
54.9612

 25.5707, 24.3601,
10.0142


 118.6018,
117.6158, 74.8159

 16.6337, 15.6010,
5.3027


 149.4348,
148.8497, 98.9547

 10.0674, 9.2422,
2.3641

185.1959,
185.1748, 127.7964

 5.5063, 4.8995,
0.7668

226.2504,
226.9754, 161.7593

 2.5850, 2.1884,
0.0000

272.9637,

 0.9383, 0.7137,

274.6360, 201.2621

0.0000

325.7012,
328.5410, 246.7233

■ 0.0000, 0.0000,
0.0000

■ 52.0178, 50.6172,
26.4305

■ 52.0178, 50.6172,
26.4305

■ 48.6622, 45.9756,
18.9323

■ 55.8746, 55.7262,
35.7461

■ 45.7773, 41.7775,
13.1252

■ 60.2535, 61.3109,
46.9878

■ 43.3343, 38.0073,
8.8712


■ 65.1783, 67.3882,
60.2593

■ 41.2990, 34.6450,
6.0089


■ 70.6704, 73.9719,
75.6558


■ 39.6299, 31.6674,
4.3404

■ 76.7496, 81.0753,
93.2665

 38.9248, 30.3540,
3.8073

 82.3203, 88.2650,
107.3058

 85.6054, 94.8352,
108.4009

 85.8048, 95.2339,
108.4673

Harmonies

Analogous

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



58.3264, 50.6172, 33.2304



52.0178, 50.6172, 26.4305



45.1959, 50.6172, 26.0416

Triad

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



52.0178, 50.6172, 26.4305



36.4401, 50.6172, 64.0806



57.6372, 50.6172, 87.3077

Complementary

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



52.0178, 50.6172, 26.4305



37.4039, 39.8468, 79.1183

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.



51.1470, 50.6172, 100.3540



52.0178, 50.6172, 26.4305



39.1624, 50.6172, 84.9607

Square

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



52.0178, 50.6172, 26.4305



36.6255, 50.6172, 44.9152



44.4032, 50.6172, 99.4058



61.7748, 50.6172, 66.7493

Rectangle

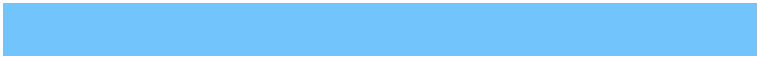
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.0178, 50.6172, 26.4305



41.2978, 50.6172, 29.2721



44.4032, 50.6172, 99.4058



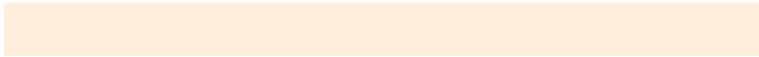
55.6332, 50.6172, 92.9128

Sweetspot

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



52.0190, 50.6196, 26.4315



84.7466, 87.7521, 79.6963



46.8780, 34.1813, 43.6963



17.8275, 18.4035, 16.2006



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.



52.0190, 50.6196, 26.4315



63.0637, 59.7418, 25.1297



62.3614, 72.9052, 30.1880



15.0111, 15.6362, 15.1314



22.5966, 17.7673, 2.2385



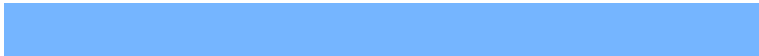
1.7626, 1.4985, 0.1963

Inverse Universe

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



37.4039, 39.8468, 79.1183



42.0448, 44.2593, 100.9346



30.3051, 24.8921, 76.6059



14.1337, 14.9887, 18.2925



11.1928, 9.4478, 43.6169



0.9193, 0.8826, 3.2539

Previews

White Background



This preview shows how the XYZ color 52.0178, 50.6172, 26.4305 looks on a white background.

Color Contrast Check

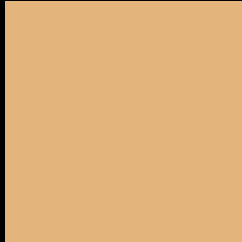
Large Text (above 18pt) WCAG AA × Fail

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 52.0178, 50.6172, 26.4305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

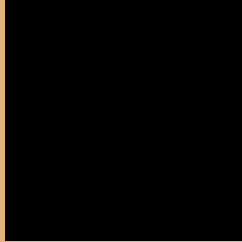
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.0178, 50.6172, 26.4305

Background



This preview shows how black text looks on a background with the XYZ color 52.0178, 50.6172, 26.4305.



This preview shows how white text looks on a background with the XYZ color 52.0178, 50.6172,

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

52.0178, 50.6172, 26.4305

Protanopia

47.0619, 50.8175, 28.0972

Deuteranopia

51.9041, 50.8593, 26.4832



Tritanopia

57.5471, 50.5426, 53.1770

Trichromacy



Original Color

52.0178, 50.6172, 26.4305

Protanomaly

48.8958, 50.8225, 27.6547

Deuteranomaly

51.9041, 50.8593, 26.4832

Tritanomaly

55.3095, 50.4961, 41.9536

Monochromacy



Original Color

52.0178, 50.6172, 26.4305

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.7691, 50.1110, 42.6993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0178, 50.6172, 26.4305 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(228, 180, 125)` looks like.

```
.text, #text, p{  
    color:rgb(228, 180, 125)  
}
```

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(228, 180, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 180, 125) }
```

Border

The CSS property to change the border of an element to XYZ 52.0178, 50.6172, 26.4305 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(228, 180, 125) }
```


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

```
.border{ border-color:rgb(228, 180, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 180, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 180, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 180, 125); box-shadow:4px 4px 4px 4px rgb(228, 180, 125) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0178, 50.6172, 26.4305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 180, 125) }
```

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

```
.background{ background-color: rgb(228,  
180, 125) }
```

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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