

Converting Colors

XYZ(52.5502, 50.8928, 30.5714)

Have a look what the booklet for
XYZ(52.5502, 50.8928, 30.5714)
contains.

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Color

**XYZ(52.5152, 50.7796,
30.7005)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B489
RGB	227, 180, 137
RGB Percent	89%, 71%, 54%
CMY	0.1098, 0.2941, 0.4627
CMYK	0.00, 0.21, 0.40, 0.11
HSL	29°, 62%, 71%
HSV	29°, 40%, 89%
XYZ	52.5152, 50.7796, 30.7005
YIQ	189.1510, 41.8150, -3.4090

Conversions

Conversions Part 2

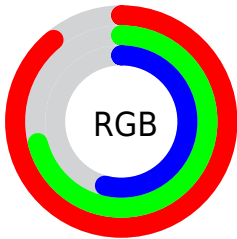
Format	Color
R _Y B	227, 219, 137
Decimal	14922889
CIE Lab	76.55, 11.38, 28.41
CIE LCh	77, 30.609, 68.169
Yxy	50.7796, 0.3919, 0.3790
Android (android.graphics.Color)	4293112969 (0xFFE3B489)
YUV	189.1510, -25.7104, 33.1936
Hunter-Lab	71.2598, 6.8416, 24.3383

Details

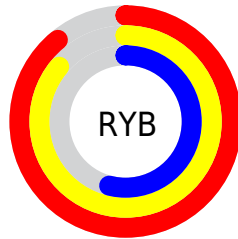
The XYZ color **52.5152, 50.7796, 30.7005** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.3215, 45.1437, 79.2088**, and the grayscale version is **48.5831, 51.1132, 55.6623**.

A 20% lighter version of the original color is **80.6394, 85.0125, 61.4491**, and **25.8872, 24.4129, 12.3646** is the 20% darker color. If you saturate the color by 10%, you get **48.7639, 45.6144, 22.2441**, and if you desaturate by 10%, it is **56.8163, 56.4960, 41.0313**.

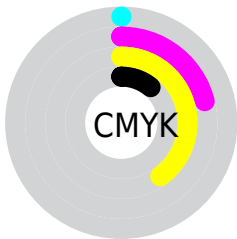
Distribution



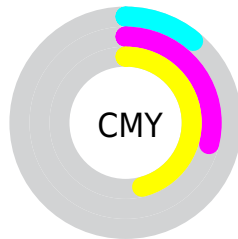
- Red (89%)
- Green (71%)
- Blue (54%)



- Red (89%)
- Yellow (86%)
- Blue (54%)



- Cyan (0%)
- Magenta (21%)
- Yellow (40%)
- Black (11%)





- Cyan (11%)
- Magenta (29%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5152, 50.7796, 30.7005 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 52.5152, 50.7796, 30.7005 by changing the saturation by 10% instead.


 52.5152, 50.7796,
30.7005

 52.5152, 50.7796,
30.7005


386.7137,
389.7069, 319.4645


 37.6418, 36.0332,
20.1143

 93.0603, 91.3289,
61.8423

 25.8808, 24.4599,
12.2933


 119.4628,
117.9006, 83.2350

 16.8667, 15.6751,
6.8188


 150.4390,
149.1829, 109.0669

 10.2342, 9.2945,
3.2723

186.3544,
185.5602, 139.7567

 5.6180, 4.9338,
1.2353

227.5741,
227.4168, 175.7228

 2.6526, 2.2085,
0.0079

274.4637,

 0.9729, 0.7246,

275.1372, 217.3837

0.0000

327.3885,
329.1058, 265.1581

■ 0.0000, 0.0000,
0.0000

■ 52.5152, 50.7796,
30.7005

■ 52.5152, 50.7796,
30.7005

■ 48.7639, 45.6144,
22.2441

■ 56.8163, 56.4960,
41.0313

■ 45.5318, 40.9743,
15.5432

■ 61.6882, 62.7740,
53.3392

■ 42.7907, 36.8414,
10.4700

■ 67.1549, 69.6329,
67.7230

■ 40.5076, 33.1937,
6.8777

■ 73.2383, 77.0887,
84.2740

■ 38.6441, 30.0065,
4.5923

■ 79.9588, 85.1568,
103.0781

■ 37.1395, 27.2458,
3.3245

■ 84.2647, 92.6233,
108.0446

■ 37.0906, 27.1551,
3.2866

■ 85.4885, 95.0709,
108.4525

Harmonies

Analogous

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



57.5370, 50.7796, 37.8655



52.5152, 50.7796, 30.7005



46.7030, 50.7796, 29.3959

Triad

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



52.5152, 50.7796, 30.7005



38.0809, 50.7796, 59.9359



55.4613, 50.7796, 84.2693

Complementary

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



52.5152, 50.7796, 30.7005



41.3215, 45.1437, 79.2088

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.



49.8604, 50.7796, 93.1464



52.5152, 50.7796, 30.7005



40.0459, 50.7796, 77.3774

Square

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



52.5152, 50.7796, 30.7005



38.6680, 50.7796, 44.2815



44.2496, 50.7796, 90.4000



59.3302, 50.7796, 67.9874

Rectangle

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



52.5152, 50.7796, 30.7005



43.2073, 50.7796, 31.7158



44.2496, 50.7796, 90.4000



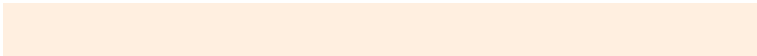
53.7017, 50.7796, 88.3524

Sweetspot

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



52.5165, 50.7820, 30.7015



85.6217, 88.4093, 83.3577



49.3815, 37.7255, 50.5784



18.1221, 18.6678, 17.3003



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.



52.5165, 50.7820, 30.7015



64.0958, 60.2420, 30.2953



62.8497, 71.4484, 34.1459



14.9423, 15.4985, 15.1084



21.7467, 16.0675, 1.9552



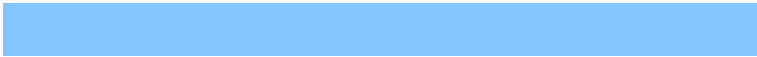
1.6995, 1.3724, 0.1753

Inverse Universe

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



41.3215, 45.1437, 79.2088



47.5157, 51.8858, 102.1184



33.5602, 29.6212, 76.6217



14.2024, 15.1262, 18.3154



12.0187, 11.0995, 43.8921



0.9811, 1.0060, 3.2744

Previews

White Background



This preview shows how the XYZ color 52.5152, 50.7796, 30.7005 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 52.5152, 50.7796, 30.7005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

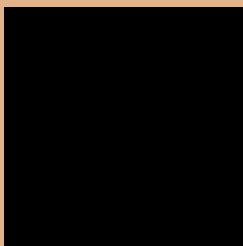
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.5152, 50.7796, 30.7005

Background



This preview shows how black text looks on a background with the XYZ color 52.5152, 50.7796, 30.7005.



This preview shows how white text looks on a background with the XYZ color 52.5152, 50.7796,

30.7005.

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

52.5152, 50.7796, 30.7005

Protanopia

47.6339, 51.0148, 32.5356

Deuteranopia

51.7797, 50.7012, 30.7241



Tritanopia

57.1919, 50.6308, 53.7721

Trichromacy



Original Color

52.5152, 50.7796, 30.7005

Protanomaly

49.4439, 51.0083, 32.0506

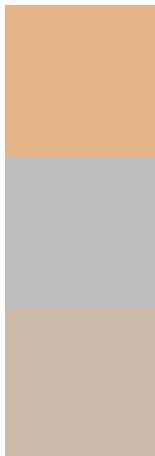
Deuteranomaly

52.0906, 50.8614, 30.7387

Tritanomaly

55.3199, 50.7382, 44.4139

Monochromacy



Original Color

52.5152, 50.7796, 30.7005

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.4432, 50.7166, 45.2136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5152, 50.7796, 30.7005 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(227, 180, 137)` looks like.

```
.text, #text, p{  
    color:rgb(227, 180, 137)  
}
```

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(227, 180, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 180, 137) }
```

Border

The CSS property to change the border of an element to XYZ 52.5152, 50.7796, 30.7005 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(227, 180, 137) }
```


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

```
.border{ border-color:rgb(227, 180, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 180, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 180, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 180, 137); box-shadow:4px 4px 4px 4px rgb(227, 180, 137) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5152, 50.7796, 30.7005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 180, 137) }
```

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

```
.background{ background-color: rgb(227,  
180, 137) }
```

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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