

Converting Colors

XYZ(51.8492, 47.3913, 30.0344)

Have a look what the booklet for
XYZ(51.8492, 47.3913, 30.0344)
contains.

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Color

**XYZ(51.6583, 47.1710,
30.0491)**

Conversions

Conversions Part 1

Format	Color
Hex	E7A989
RGB	231, 169, 137
RGB Percent	91%, 66%, 54%
CMY	0.0941, 0.3372, 0.4627
CMYK	0.00, 0.27, 0.41, 0.09
HSL	20°, 66%, 72%
HSV	20°, 41%, 91%
XYZ	51.6583, 47.1710, 30.0491
YIQ	183.8900, 47.2240, 3.1920

Conversions

Conversions Part 2

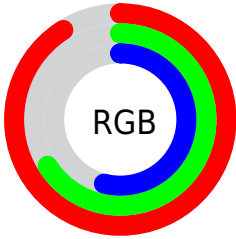
Format	Color
R _Y B	231, 186, 137
Decimal	15182217
CIE Lab	74.30, 18.82, 25.48
CIE LCh	74, 31.674, 53.543
Yxy	47.1710, 0.4008, 0.3660
Android (android.graphics.Color)	4293372297 (0xFFE7A989)
YUV	183.8900, -23.1168, 41.3155
Hunter-Lab	68.6811, 14.0662, 22.1365

Details

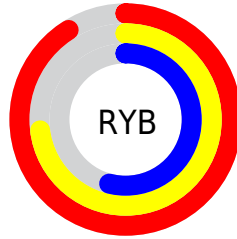
The XYZ color **51.6583, 47.1710, 30.0491** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **45.1629, 51.9326, 83.2448**, and the grayscale version is **45.6056, 47.9806, 52.2509**.

A 20% lighter version of the original color is **77.2996, 78.3329, 60.3358**, and **25.3152, 22.2949, 11.9859** is the 20% darker color. If you saturate the color by 10%, you get **47.5045, 41.2373, 21.3460**, and if you desaturate by 10%, it is **56.4996, 53.9117, 40.7324**.

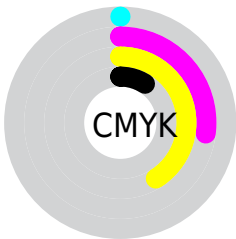
Distribution



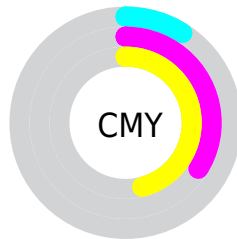
- Red (91%)
- Green (66%)
- Blue (54%)



- Red (91%)
- Yellow (73%)
- Blue (54%)



- Cyan (0%)
- Magenta (27%)
- Yellow (41%)
- Black (9%)





- Cyan (9%)
- Magenta (34%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.6583, 47.1710, 30.0491 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 51.6583, 47.1710, 30.0491 by changing the saturation by 10% instead.


 51.6583, 47.1710,
30.0491

 51.6583, 47.1710,
30.0491


383.4617,
375.4967, 316.3477


 36.9560, 33.1709,
19.6235

 91.8043, 85.9688,
60.8017

 25.3469, 22.2574,
11.9403


 117.9787,
111.5353, 81.9659

 16.4658, 14.0461,
6.5810


 148.7078,
141.7260, 107.5466

 9.9473, 8.1528,
3.1270

184.3570,
176.9253, 137.9624

 5.4260, 4.1929,
1.1599

225.2916,
217.5176, 173.6319

 2.5366, 1.7820,
0.0000

271.8771,

 0.9138, 0.4759,

263.8874, 214.9735

0.0000

324.4786,
316.4189, 262.4060

0.0000, 0.0000,
0.0000

51.6583, 47.1710,
30.0491

51.6583, 47.1710,
30.0491

47.5045, 41.2373,
21.3460

56.4996, 53.9117,
40.7324

44.0003, 36.0720,
14.4962

62.0562, 61.4823,
53.5063

41.1096, 31.6434,
9.3623

68.3590, 69.9135,
68.4764

38.7905, 27.9145,
5.7861

75.4356, 79.2318,
85.7403

36.9946, 24.8441,
3.5797

83.3122, 89.4631,
105.3896

■ 35.7258, 22.5306,
2.4659

■ 86.7649, 95.7289,
108.5123

Harmonies

Analogous

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



55.6363, 47.1710, 39.8300



51.6583, 47.1710, 30.0491



46.0769, 47.1710, 26.0852

Triad

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



51.6583, 47.1710, 30.0491



34.8143, 47.1710, 47.9159



49.3503, 47.1710, 85.7923

Complementary

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



51.6583, 47.1710, 30.0491



45.1629, 51.9326, 83.2448

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.



43.6149, 47.1710, 89.2306



51.6583, 47.1710, 30.0491



35.5301, 47.1710, 64.9274

Square

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



51.6583, 47.1710, 30.0491



36.5947, 47.1710, 34.8951



38.6400, 47.1710, 80.9243



54.2269, 47.1710, 72.3310

Rectangle

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



51.6583, 47.1710, 30.0491



42.3200, 47.1710, 26.5158



38.6400, 47.1710, 80.9243



47.4469, 47.1710, 88.2619

Sweetspot

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



51.6595, 47.1733, 30.0500



84.4053, 85.9765, 82.9522



52.2872, 39.0352, 59.2185



17.8365, 18.0968, 17.2051



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.



51.6595, 47.1733, 30.0500



60.1383, 52.6044, 28.1207



61.8558, 67.5659, 33.4488



14.7761, 15.1661, 15.0530



20.1318, 12.8378, 1.4169



1.5714, 1.1161, 0.1326

Inverse Universe

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



45.1629, 51.9326, 83.2448



50.9215, 59.2855, 103.3671



36.0775, 33.7619, 80.2164



14.3726, 15.4666, 18.3722



14.5322, 16.1265, 44.7300



1.1592, 1.3623, 3.3338

Previews

White Background



This preview shows how the XYZ color 51.6583, 47.1710, 30.0491 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 51.6583, 47.1710, 30.0491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

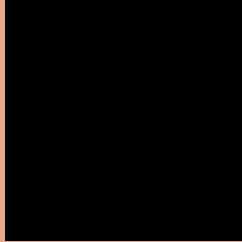
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.6583, 47.1710, 30.0491

Background



This preview shows how black text looks on a background with the XYZ color 51.6583, 47.1710, 30.0491.



This preview shows how white text looks on a background with the XYZ color 51.6583, 47.1710,

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

51.6583, 47.1710, 30.0491

Protanopia

44.3971, 47.4522, 32.8058

Deuteranopia

48.0928, 47.0364, 29.8367



Tritanopia

55.3729, 47.3477, 47.2948

Trichromacy



Original Color

51.6583, 47.1710, 30.0491

Protanomaly

46.7405, 47.1738, 31.8413

Deuteranomaly

49.2063, 47.0369, 29.7781

Tritanomaly

54.0895, 47.3735, 40.4756

Monochromacy



Original Color

51.6583, 47.1710, 30.0491

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

47.1825, 47.4477, 43.2308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6583, 47.1710, 30.0491 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(231, 169, 137)` looks like.

```
.text, #text, p{  
    color:rgb(231, 169, 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(231, 169, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 169, 137) }
```

Border

The CSS property to change the border of an element to XYZ 51.6583, 47.1710, 30.0491 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(231, 169, 137) }
```


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

```
.border{ border-color:rgb(231, 169, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 169, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 169, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 169, 137); box-shadow:4px 4px 4px 4px rgb(231, 169, 137) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6583, 47.1710, 30.0491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 169, 137) }
```

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

```
.background{ background-color: rgb(231,  
169, 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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