

Converting Colors

XYZ(50.8297, 46.2873, 38.1550)

Have a look what the booklet for
XYZ(50.8297, 46.2873, 38.1550)
contains.

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Color

**XYZ(50.8289, 46.2869,
38.1536)**

Conversions

Conversions Part 1

Format	Color
Hex	E0A89D
RGB	224, 168, 157
RGB Percent	88%, 66%, 62%
CMY	0.1216, 0.3412, 0.3843
CMYK	0.00, 0.25, 0.30, 0.12
HSL	10°, 52%, 75%
HSV	10°, 30%, 88%
XYZ	50.8289, 46.2869, 38.1536
YIQ	183.4900, 36.9070, 8.4510

Conversions

Conversions Part 2

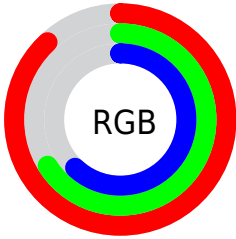
Format	Color
R_{YB}	224, 170, 157
Decimal	14723229
CIE _{Lab}	73.73, 19.07, 13.71
CIE _{LCh}	74, 23.488, 35.706
Yxy	46.2869, 0.3758, 0.3422
Android (android.graphics.Color)	4292913309 (0xFFE0A89D)
YUV	183.4900, -13.0596, 35.5273
Hunter-Lab	68.0345, 14.2979, 14.3744

Details

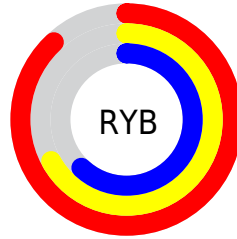
The XYZ color **50.8289, 46.2869, 38.1536** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.1526, 60.1364, 79.4326**, and the grayscale version is **45.3353, 47.6963, 51.9412**.

A 20% lighter version of the original color is **79.5113, 78.7888, 73.3044**, and **24.7833, 21.7469, 16.5270** is the 20% darker color. If you saturate the color by 10%, you get **45.8782, 39.1705, 27.9174**, and if you desaturate by 10%, it is **56.6302, 54.5430, 50.4041**.

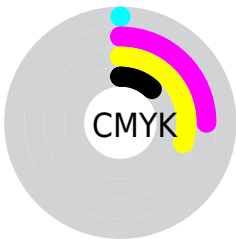
Distribution



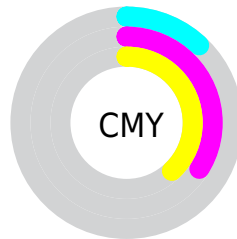
- Red (88%)
- Green (66%)
- Blue (62%)



- Red (88%)
- Yellow (67%)
- Blue (62%)



- Cyan (0%)
- Magenta (25%)
- Yellow (30%)
- Black (12%)





- Cyan (12%)
- Magenta (34%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.8289, 46.2869, 38.1536 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 50.8289, 46.2869, 38.1536 by changing the saturation by 10% instead.


 50.8289, 46.2869,
38.1536


 50.8289, 46.2869,
38.1536


380.2973,
371.9609, 353.5963

 36.2929, 32.4723,
25.7992


 90.5863, 84.6482,
73.5495

 24.8317, 21.7225,
16.4490


 116.5385,
109.9637, 97.4281

 16.0798, 13.6531,
9.6847


147.0267,
139.8816, 125.9852

 9.6718, 7.8798,
5.0875

182.4165,
174.7862, 159.6392

 5.2425, 4.0181,
2.2391

223.0731,
215.0621, 198.8088

 2.4265, 1.6837,
0.6968

269.3618,

 0.8583, 0.4131,

261.0936, 243.9125

0.0000

321.6481,
313.2650, 295.3689

0.0000, 0.0000,
0.0000

50.8289, 46.2869,
38.1536

50.8289, 46.2869,
38.1536

45.8782, 39.1705,
27.9174

56.6302, 54.5430,
50.4041

41.7342, 33.1374,
19.5846

63.3162, 63.9792,
64.7660

38.3544, 28.1359,
13.0378

70.9233, 74.6419,
81.3336

35.6908, 24.1076,
8.1456

79.4850, 86.5730,
100.1945

33.6899, 20.9881,
4.7582

84.5505, 94.5873,
108.4086

■ 32.2899, 18.7051,
2.6984

■ 31.4019, 17.1684,
1.6645

■ 31.3956, 17.1575,
1.6570

Harmonies

Analogous

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



52.4613, 46.2869, 48.1505



50.8289, 46.2869, 38.1536



47.3749, 46.2869, 32.2383

Triad

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



50.8289, 46.2869, 38.1536



37.0859, 46.2869, 41.5324



44.7961, 46.2869, 76.8636

Complementary

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



50.8289, 46.2869, 38.1536



51.1526, 60.1364, 79.4326

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.



40.7785, 46.2869, 74.3490



50.8289, 46.2869, 38.1536



36.4912, 46.2869, 52.7156

Square

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



50.8289, 46.2869, 38.1536



39.4803, 46.2869, 33.9625



37.8016, 46.2869, 65.0177



48.8399, 46.2869, 71.4304

Rectangle

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



50.8289, 46.2869, 38.1536



44.5971, 46.2869, 30.7990



37.8016, 46.2869, 65.0177



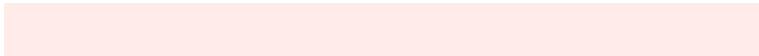
43.3970, 46.2869, 76.9289

Sweetspot

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



50.8301, 46.2891, 38.1545



85.7561, 86.9760, 88.6494



54.9290, 44.8142, 69.3400



18.0544, 18.1933, 18.3234



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.



50.8301, 46.2891, 38.1545



63.8446, 55.8630, 42.1620



57.6085, 59.8457, 40.4140



13.8882, 14.0624, 14.2891



18.3301, 10.0981, 0.9830



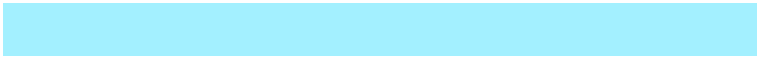
1.3266, 0.8121, 0.0868

Inverse Universe

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



51.1526, 60.1364, 79.4326



64.3324, 77.3019, 106.1378



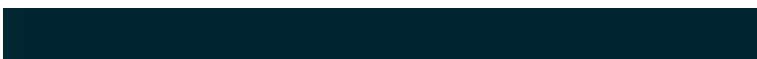
43.7719, 45.3749, 76.9723



13.9149, 15.1689, 17.5822



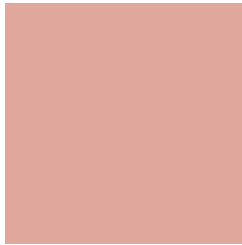
18.2731, 24.0158, 44.7208



1.3183, 1.7681, 3.1170

Previews

White Background



This preview shows how the XYZ color 50.8289, 46.2869, 38.1536 looks on a white background.

Color Contrast Check

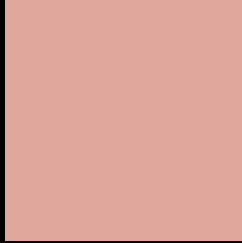
Large Text (above 18pt) WCAG AA × Fail

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 50.8289, 46.2869, 38.1536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

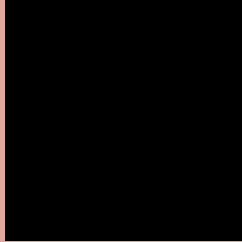
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.8289, 46.2869, 38.1536

Background



This preview shows how black text looks on a background with the XYZ color 50.8289, 46.2869, 38.1536.



This preview shows how white text looks on a background with the XYZ color 50.8289, 46.2869,

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

50.8289, 46.2869, 38.1536

Protanopia

44.2110, 46.5469, 41.7762

Deuteranopia

47.3431, 46.4701, 37.9269



Tritanopia

52.8550, 46.2934, 48.2692

Trichromacy



Original Color

50.8289, 46.2869, 38.1536

Protanomaly

46.3155, 46.1804, 40.1908

Deuteranomaly

48.4848, 46.2015, 37.8148

Tritanomaly

51.9433, 46.1823, 44.2066

Monochromacy



Original Color

50.8289, 46.2869, 38.1536

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

46.8491, 46.9025, 46.6283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8289, 46.2869, 38.1536 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(224, 168, 157)` looks like.

```
.text, #text, p{  
    color:rgb(224, 168, 157)  
}
```

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(224, 168, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 168, 157) }
```

Border

The CSS property to change the border of an element to XYZ 50.8289, 46.2869, 38.1536 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(224, 168, 157) }
```


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

```
.border{ border-color:rgb(224, 168, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 168, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 168, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 168, 157);  
box-shadow:4px 4px 4px 4px rgb(224, 168,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8289, 46.2869, 38.1536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 168, 157) }
```

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

```
.background{ background-color: rgb(224,  
168, 157) }
```

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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