

Converting Colors

XYZ(57.9963, 50.7986, 52.0958)

Have a look what the booklet for
XYZ(57.9963, 50.7986, 52.0958)
contains.

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Color

**XYZ(57.9963, 50.7986,
52.0958)**

Conversions

Conversions Part 1

Format	Color
Hex	ECACB8
RGB	236, 172, 184
RGB Percent	93%, 67%, 72%
CMY	0.0745, 0.3255, 0.2784
CMYK	0.00, 0.27, 0.22, 0.07
HSL	349°, 63%, 80%
HSV	349°, 27%, 93%
XYZ	57.9963, 50.7986, 52.0958
YIQ	192.5040, 34.2920, 17.3000

Conversions

Conversions Part 2

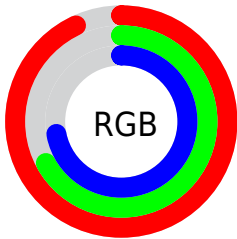
Format	Color
R _Y B	236, 172, 184
Decimal	15510712
CIE Lab	76.56, 25.14, 3.15
CIE LCh	77, 25.334, 7.152
Yxy	50.7986, 0.3605, 0.3157
Android (android.graphics.Color)	4293700792 (0xFFECACB8)
YUV	192.5040, -4.1925, 38.1460
Hunter-Lab	71.2731, 20.5208, 6.5543

Details

The XYZ color **57.9963, 50.7986, 52.0958** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.4653, 74.1446, 81.6490**, and the grayscale version is **50.4085, 53.0337, 57.7537**.

A 20% lighter version of the original color is **84.7116, 83.0381, 94.0012**, and **29.2840, 24.4161, 24.6421** is the 20% darker color. If you saturate the color by 10%, you get **52.0215, 41.8505, 40.8499**, and if you desaturate by 10%, it is **65.0440, 61.4555, 65.0448**.

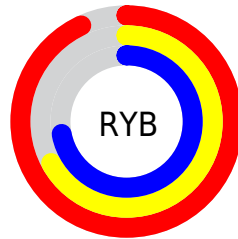
Distribution



Red (93%)

Green (67%)

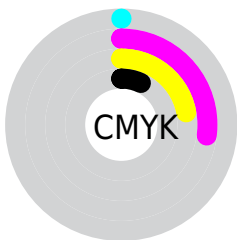
Blue (72%)



Red (93%)

Yellow (67%)

Blue (72%)

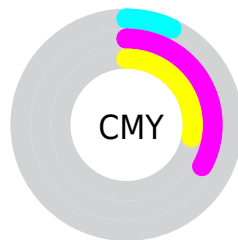


Cyan (0%)

Magenta (27%)

Yellow (22%)

Black (7%)



Cyan (7%)


Magenta (33%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9963, 50.7986, 52.0958 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 57.9963, 50.7986, 52.0958 by changing the saturation by 10% instead.


 57.9963, 50.7986,
52.0958

 57.9963, 50.7986,
52.0958


407.1262,
389.7808, 411.7738

 42.0489, 36.0483,
36.6987


 101.0405, 91.3570,
94.7005

 29.3309, 24.4715,
24.6803


128.8680,
117.9339, 122.7452

 19.4768, 15.6838,
15.6222


161.3862,
149.2219, 155.8428

 12.1214, 9.3007,
9.1058

198.9606,
185.6053, 194.4119

 6.8992, 4.9378,
4.7125

241.9564,
227.4685, 238.8710

 3.4449, 2.2108,
2.0238

290.7391,

 1.3932, 0.7259,

275.1958, 289.6387

0.5699

345.6739,
329.1718, 347.1334

■ 0.2513, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9963, 50.7986,
52.0958

■ 57.9963, 50.7986,
52.0958

■ 52.0215, 41.8505,
40.8499

■ 65.0440, 61.4555,
65.0448

■ 47.0623, 34.5154,
31.2327

■ 73.2098, 73.8964,
79.7611

■ 43.0623, 28.6989,
23.1686

■ 82.5413, 88.2007,
96.3091

■ 39.9581, 24.2936,
16.5748

■ 88.4022, 96.5729,
108.5889

■ 37.6780, 21.1784,
11.3605

■ 36.1392, 19.2111,
7.4243

■ 35.2368, 18.2090,
4.6488

■ 35.0513, 18.0166,
4.0364

Harmonies

Analogous

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



57.2647, 50.7986, 66.1833



57.9963, 50.7986, 52.0958



55.9912, 50.7986, 40.8784

Triad

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



57.9963, 50.7986, 52.0958



42.9378, 50.7986, 36.8594



44.7983, 50.7986, 83.3118

Complementary

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



57.9963, 50.7986, 52.0958



60.4653, 74.1446, 81.6490

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.



41.3160, 50.7986, 72.7944



57.9963, 50.7986, 52.0958



40.2924, 50.7986, 45.6999

Square

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



57.9963, 50.7986, 52.0958



47.1464, 50.7986, 33.0742



39.7189, 50.7986, 58.6559



49.4368, 50.7986, 85.7825

Rectangle

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



57.9963, 50.7986, 52.0958



53.4456, 50.7986, 36.0005



39.7189, 50.7986, 58.6559



43.4632, 50.7986, 80.5249

Sweetspot

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



57.9977, 50.8010, 52.0968



86.3289, 86.6459, 93.3901



60.3876, 51.2834, 86.0731



18.1484, 18.0427, 19.3988



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.



57.9977, 50.8010, 52.0968



64.7040, 53.9009, 53.7963



60.7145, 58.1625, 47.0591



15.1808, 15.1002, 16.2374



19.3556, 9.9449, 2.4080



1.5523, 0.7939, 0.3597

Inverse Universe

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



57.9977, 50.8010, 52.0968



64.7040, 53.9009, 53.7963



56.9168, 64.3512, 88.7784



15.1808, 15.1002, 16.2374



19.3556, 9.9449, 2.4080



1.5523, 0.7939, 0.3597

Previews

White Background



This preview shows how the XYZ color 57.9963, 50.7986, 52.0958 looks on a white background.

Color Contrast Check

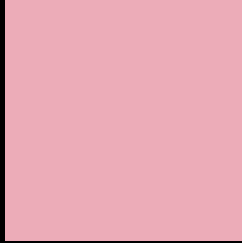
Large Text (above 18pt) WCAG AA × Fail

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 57.9963, 50.7986, 52.0958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

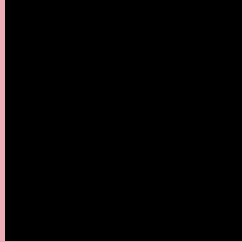
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9963, 50.7986, 52.0958

Background



This preview shows how black text looks on a background with the XYZ color 57.9963, 50.7986, 52.0958.



This preview shows how white text looks on a background with the XYZ color 57.9963, 50.7986,

52.0958.

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

57.9963, 50.7986, 52.0958

Protanopia

49.0947, 50.8931, 57.6879

Deuteranopia

51.9553, 50.9460, 51.3512



Tritanopia

58.1016, 50.8407, 52.6499

Trichromacy



Original Color

57.9963, 50.7986, 52.0958

Protanomaly

51.7543, 50.4390, 55.7232

Deuteranomaly

53.8808, 50.7192, 51.7497

Tritanomaly

58.1016, 50.8407, 52.6499

Monochromacy



Original Color

57.9963, 50.7986, 52.0958

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.9377, 51.9709, 55.9565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9963, 50.7986, 52.0958 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(236, 172, 184)` looks like.

```
.text, #text, p{  
    color:rgb(236, 172, 184)  
}
```

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(236, 172, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 172, 184) }
```

Border

The CSS property to change the border of an element to XYZ 57.9963, 50.7986, 52.0958 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(236, 172, 184) }
```


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

```
.border{ border-color:rgb(236, 172, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 172, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 172, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 172, 184);  
box-shadow:4px 4px 4px 4px rgb(236, 172,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9963, 50.7986, 52.0958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 172, 184) }
```

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

```
.background{ background-color: rgb(236,  
172, 184) }
```

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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