

Converting Colors

XYZ(56.4657, 52.2514, 56.3997)

Have a look what the booklet for
XYZ(56.4657, 52.2514, 56.3997)
contains.

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Color

**XYZ(56.4657, 52.2514,
56.3997)**

Conversions

Conversions Part 1

Format	Color
Hex	E0B4BF
RGB	224, 180, 191
RGB Percent	88%, 71%, 75%
CMY	0.1216, 0.2941, 0.2510
CMYK	0.00, 0.20, 0.15, 0.12
HSL	345°, 42%, 79%
HSV	345°, 20%, 88%
XYZ	56.4657, 52.2514, 56.3997
YIQ	194.4100, 22.6930, 12.7490

Conversions

Conversions Part 2

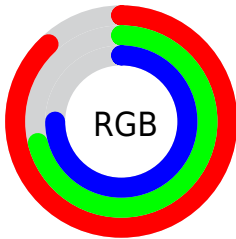
Format	Color
R _Y B	224, 180, 191
Decimal	14726335
CIE Lab	77.43, 17.61, 0.47
CIE LCh	77, 17.612, 1.519
Yxy	52.2514, 0.3420, 0.3165
Android (android.graphics.Color)	4292916415 (0xFFE0B4BF)
YUV	194.4100, -1.6811, 25.9504
Hunter-Lab	72.2851, 12.9367, 4.3392

Details

The XYZ color **56.4657, 52.2514, 56.3997** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.4904, 67.8200, 73.0146**, and the grayscale version is **51.5225, 54.2057, 59.0300**.

A 20% lighter version of the original color is **88.0240, 87.9663, 100.3355**, and **28.3253, 25.3386, 27.4427** is the 20% darker color. If you saturate the color by 10%, you get **50.5598, 43.2305, 45.8261**, and if you desaturate by 10%, it is **63.3174, 62.8234, 68.3363**.

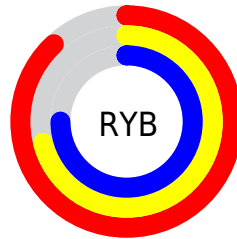
Distribution



Red (88%)

Green (71%)

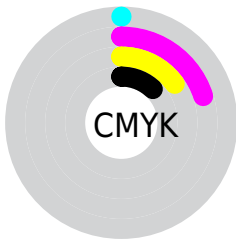
Blue (75%)



Red (88%)

Yellow (71%)

Blue (75%)

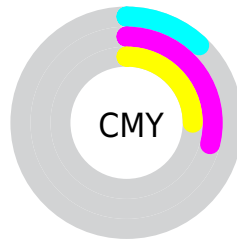


Cyan (0%)

Magenta (20%)

Yellow (15%)

Black (12%)



Cyan (12%)


Magenta (29%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.4657, 52.2514, 56.3997 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 56.4657, 52.2514, 56.3997 by changing the saturation by 10% instead.


 56.4657, 52.2514,
56.3997

 56.4657, 52.2514,
56.3997


401.4908,
395.4064, 428.6266

 40.8149, 37.2055,
40.1173

 98.8210, 93.5019,
101.0804

 28.3615, 25.3666,
27.3156


126.2562,
120.4753, 130.3157

 18.7402, 16.3504,
17.5758


158.3503,
152.1933, 164.7059

 11.5856, 9.7725,
10.4796

195.4686,
189.0403, 204.6693

 6.5323, 5.2484,
5.6084

237.9764,
231.4007, 250.6245

 3.2151, 2.3937,
2.5435

286.2392,

 1.2685, 0.8226,

279.6589, 302.9901

0.8631

340.6222,
334.1994, 362.1847

■ 0.1595, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4657, 52.2514,
56.3997

■ 56.4657, 52.2514,
56.3997

■ 50.5598, 43.2305,
45.8261

■ 63.3174, 62.8234,
68.3363

■ 45.5532, 35.6806,
36.5629

■ 71.1501, 75.0074,
81.6794

■ 41.4019, 29.5253,
28.5590

■ 80.0023, 88.8699,
96.4744

■ 38.0563, 24.6783,
21.7585

■ 84.5507, 94.5874,
108.4086

■ 35.4616, 21.0437,
16.1009

■ 33.5560, 18.5121,
11.5203

■ 32.2668, 16.9546,
7.9433

■ 31.4777, 16.1562,
5.2767

■ 31.4542, 16.1328,
5.1956

Harmonies

Analogous

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



55.6135, 52.2514, 66.2635



56.4657, 52.2514, 56.3997



55.4275, 52.2514, 47.6845

Triad

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



56.4657, 52.2514, 56.3997



46.3344, 52.2514, 42.4220



46.6206, 52.2514, 74.9217

Complementary

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



56.4657, 52.2514, 56.3997



57.4904, 67.8200, 73.0146

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.



44.3135, 52.2514, 67.2164



56.4657, 52.2514, 56.3997



44.1536, 52.2514, 48.4502

Square

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



56.4657, 52.2514, 56.3997



49.4909, 52.2514, 40.2034



43.4306, 52.2514, 57.3890



49.8363, 52.2514, 77.6598

Rectangle

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



56.4657, 52.2514, 56.3997



53.8292, 52.2514, 43.4998



43.4306, 52.2514, 57.3890



45.7183, 52.2514, 72.7864

Sweetspot

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



56.4672, 52.2538, 56.4008



88.5688, 89.9065, 97.8951



57.2181, 52.1730, 77.5762



18.8127, 19.0189, 20.7062



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.



56.4672, 52.2538, 56.4008



72.0078, 64.3628, 69.0119



57.6112, 56.4064, 51.0340



13.8471, 13.7565, 14.9648



18.3474, 9.4059, 3.2290



1.3073, 0.6662, 0.4110

Inverse Universe

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



56.4672, 52.2538, 56.4008



72.0078, 64.3628, 69.0119



56.0730, 62.6753, 79.6637



13.8471, 13.7565, 14.9648



18.3474, 9.4059, 3.2290



1.3073, 0.6662, 0.4110

Previews

White Background



This preview shows how the XYZ color 56.4657, 52.2514, 56.3997 looks on a white background.

Color Contrast Check

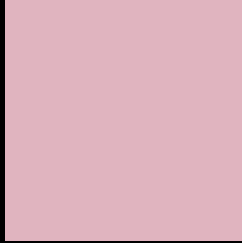
Large Text (above 18pt) WCAG AA × Fail

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 56.4657, 52.2514, 56.3997 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 56.4657, 52.2514, 56.3997

Background



This preview shows how black text looks on a background with the XYZ color 56.4657, 52.2514, 56.3997.



This preview shows how white text looks on a background with the XYZ color 56.4657, 52.2514,

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

56.4657, 52.2514, 56.3997

Protanopia

50.4838, 52.1956, 60.2373

Deuteranopia

53.2216, 52.1173, 55.9698



Tritanopia

56.7993, 52.3849, 58.1566

Trichromacy



Original Color

56.4657, 52.2514, 56.3997

Protanomaly

52.3111, 51.8953, 58.8895

Deuteranomaly

54.2521, 52.0318, 55.8989

Tritanomaly

56.6874, 52.3401, 57.5670

Monochromacy



Original Color

56.4657, 52.2514, 56.3997

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.0001, 53.2246, 57.9320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4657, 52.2514, 56.3997 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, 180, 191)` looks like.

```
.text, #text, p{  
    color:rgb(224, 180, 191)  
}
```

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, 180, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 180, 191) }
```

Border

The CSS property to change the border of an element to XYZ 56.4657, 52.2514, 56.3997 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, 180, 191) }
```


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

```
.border{ border-color:rgb(224, 180, 191) }
```

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

Here you see how a box with a 4 pixel rgb(224, 180, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 180, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 180, 191);  
box-shadow:4px 4px 4px 4px rgb(224, 180,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4657, 52.2514, 56.3997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 180, 191) }
```

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

```
.background{ background-color: rgb(224,  
180, 191) }
```

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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