

Converting Colors

XYZ(58.6419, 56.6023, 53.9168)

Have a look what the booklet for
XYZ(58.6419, 56.6023, 53.9168)
contains.

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Color

**XYZ(58.5344, 56.4984,
53.7191)**

Conversions

Conversions Part 1

Format	Color
Hex	E2BEB9
RGB	226, 190, 185
RGB Percent	89%, 75%, 73%
CMY	0.1137, 0.2549, 0.2745
CMYK	0.00, 0.16, 0.18, 0.11
HSL	7°, 41%, 81%
HSV	7°, 18%, 89%
XYZ	58.5344, 56.4984, 53.7191
YIQ	200.1940, 23.0610, 6.0770

Conversions

Conversions Part 2

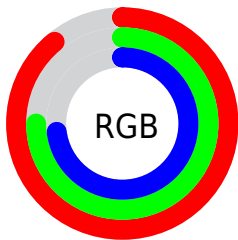
Format	Color
R _Y B	226, 191, 185
Decimal	14859961
CIE Lab	79.90, 12.05, 7.30
CIE LCh	80, 14.090, 31.224
Yxy	56.4984, 0.3469, 0.3348
Android (android.graphics.Color)	4293050041 (0xFFE2BEB9)
YUV	200.1940, -7.4906, 22.6319
Hunter-Lab	75.1654, 7.4658, 10.2425

Details

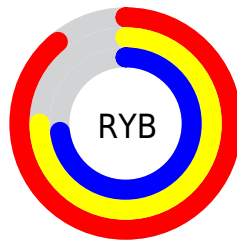
The XYZ color **58.5344, 56.4984, 53.7191** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.5910, 67.5165, 81.8431**, and the grayscale version is **55.0552, 57.9224, 63.0775**.

A 20% lighter version of the original color is **90.0730, 93.5224, 96.5234**, and **29.6881, 28.1033, 25.6895** is the 20% darker color. If you saturate the color by 10%, you get **52.3270, 47.6027, 40.8000**, and if you desaturate by 10%, it is **65.7092, 66.7210, 68.8329**.

Distribution



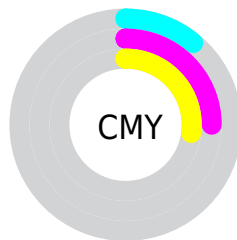
- Red (89%)
- Green (75%)
- Blue (73%)



- Red (89%)
- Yellow (75%)
- Blue (73%)



- Cyan (0%)
- Magenta (16%)
- Yellow (18%)
- Black (11%)





- Cyan (11%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.5344, 56.4984, 53.7191 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 58.5344, 56.4984, 53.7191 by changing the saturation by 10% instead.


 58.5344, 56.4984,
53.7191

 58.5344, 56.4984,
53.7191


409.0961,
411.5671, 418.1822

 42.4834, 40.6027,
37.9855


 101.8192, 99.7329,
97.1139

 29.6727, 28.0087,
25.6697


129.7836,
127.8405, 125.6122

 19.7371, 18.3322,
16.3531


162.4498,
160.7875, 159.2025

 12.3113, 11.1888,
9.6173

200.1833,
198.9582, 198.3032

 7.0297, 6.1940,
5.0437

243.3493,
242.7372, 243.3331

 3.5272, 2.9634,
2.2137

292.3132,

 1.4383, 1.1126,

292.5087, 294.7105

0.6823

347.4404,
348.6572, 352.8540

■ 0.2833, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5344, 56.4984,
53.7191

■ 58.5344, 56.4984,
53.7191

■ 52.3270, 47.6027,
40.8000

■ 65.7092, 66.7210,
68.8329

■ 47.0410, 39.9721,
29.9702

■ 73.8857, 78.3139,
86.2332

■ 42.6336, 33.5513,
21.1207

■ 83.1021, 91.3278,
106.0109

■ 39.0568, 28.2781,
14.1313

■ 85.1742, 94.9088,
108.4378

■ 36.2577, 24.0843,
8.8688

■ 34.1775, 20.8948,
5.1820

■ 32.7486, 18.6247,
2.8938

■ 31.8844, 17.1723,
1.7547

■ 31.7697, 16.9798,
1.6030

Harmonies

Analogous

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



59.3796, 56.4984, 61.1818



58.5344, 56.4984, 53.7191



56.3872, 56.4984, 48.7359

Triad

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



58.5344, 56.4984, 53.7191



49.0290, 56.4984, 54.2524



53.8174, 56.4984, 78.6189

Complementary

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



58.5344, 56.4984, 53.7191



59.5910, 67.5165, 81.8431

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.



51.0996, 56.4984, 76.3578



58.5344, 56.4984, 53.7191



48.3947, 56.4984, 61.8537

Square

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



58.5344, 56.4984, 53.7191



50.9033, 56.4984, 49.0241



49.1395, 56.4984, 70.0355



56.5974, 56.4984, 75.9705

Rectangle

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



58.5344, 56.4984, 53.7191



54.5423, 56.4984, 47.2461



49.1395, 56.4984, 70.0355



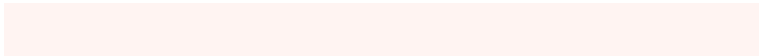
52.8665, 56.4984, 78.4064

Sweetspot

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



58.5359, 56.5010, 53.7203



89.5970, 92.2706, 97.2891



61.7936, 56.0994, 76.1299



19.0192, 19.5252, 20.4879



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.



58.5359, 56.5010, 53.7203



73.5477, 69.3999, 63.4911



63.2381, 65.9053, 55.2877



13.8413, 13.9686, 14.2735



18.1702, 9.7782, 0.9297



1.3044, 0.7677, 0.0794

Inverse Universe

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



59.5910, 67.5165, 81.8431



75.1911, 86.5772, 107.3558



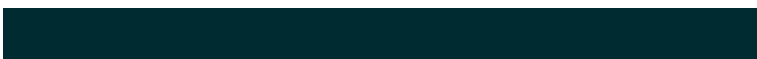
54.5564, 57.4473, 80.1649



13.9663, 15.2718, 17.5993



19.4656, 26.4008, 45.1183



1.3900, 1.9114, 3.1409

Previews

White Background



This preview shows how the XYZ color 58.5344, 56.4984, 53.7191 looks on a white background.

Color Contrast Check

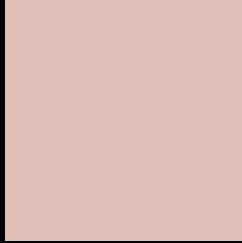
Large Text (above 18pt) WCAG AA × Fail

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 58.5344, 56.4984, 53.7191 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 58.5344, 56.4984, 53.7191

Background



This preview shows how black text looks on a background with the XYZ color 58.5344, 56.4984, 53.7191.

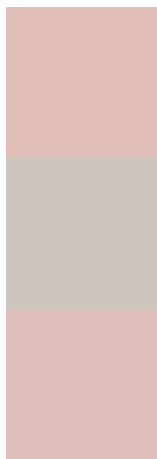


This preview shows how white text looks on a background with the XYZ color 58.5344, 56.4984,

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

58.5344, 56.4984, 53.7191

Protanopia

54.0534, 56.4440, 56.1900

Deuteranopia

57.5120, 56.2940, 53.7336



Tritanopia

60.4259, 56.2989, 63.5591

Trichromacy



Original Color

58.5344, 56.4984, 53.7191

Protanomaly

55.5203, 56.2115, 55.5006

Deuteranomaly

57.8192, 56.4524, 53.7479

Tritanomaly

59.6256, 56.2829, 59.9456

Monochromacy



Original Color

58.5344, 56.4984, 53.7191

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.8847, 56.9753, 59.6816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5344, 56.4984, 53.7191 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(226, 190, 185)` looks like.

```
.text, #text, p{  
    color:rgb(226, 190, 185)  
}
```

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(226, 190, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 190, 185) }
```

Border

The CSS property to change the border of an element to XYZ 58.5344, 56.4984, 53.7191 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(226, 190, 185) }
```


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

```
.border{ border-color:rgb(226, 190, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 190, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 190, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 190, 185);  
box-shadow:4px 4px 4px 4px rgb(226, 190,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5344, 56.4984, 53.7191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 190, 185) }
```

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

```
.background{ background-color: rgb(226,  
190, 185) }
```

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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