

Converting Colors

XYZ(57.0695, 51.3446, 46.6410)

Have a look what the booklet for
XYZ(57.0695, 51.3446, 46.6410)
contains.

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Color

**XYZ(57.1337, 51.3392,
46.4334)**

Conversions

Conversions Part 1

Format	Color
Hex	EBAFAD
RGB	235, 175, 173
RGB Percent	92%, 69%, 68%
CMY	0.0784, 0.3137, 0.3216
CMYK	0.00, 0.26, 0.26, 0.08
HSL	2°, 61%, 80%
HSV	2°, 26%, 92%
XYZ	57.1337, 51.3392, 46.4334
YIQ	192.7120, 36.4020, 12.0980

Conversions

Conversions Part 2

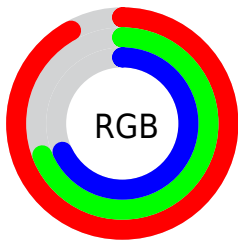
Format	Color
R _Y B	235, 175, 173
Decimal	15445933
CIE Lab	76.88, 21.61, 9.60
CIE LCh	77, 23.652, 23.958
Yxy	51.3392, 0.3688, 0.3314
Android (android.graphics.Color)	4293636013 (0xFFEBAFAD)
YUV	192.7120, -9.7180, 37.0866
Hunter-Lab	71.6514, 16.9432, 11.7333

Details

The XYZ color **57.1337, 51.3392, 46.4334** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.3670, 73.1580, 89.4839**, and the grayscale version is **50.5609, 53.1940, 57.9283**.

A 20% lighter version of the original color is **83.8195, 84.0133, 85.1972**, and **28.7708, 24.7645, 21.3528** is the 20% darker color. If you saturate the color by 10%, you get **50.9973, 42.3910, 34.1385**, and if you desaturate by 10%, it is **64.4181, 61.9428, 61.0852**.

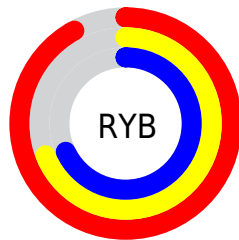
Distribution



Red (92%)

Green (69%)

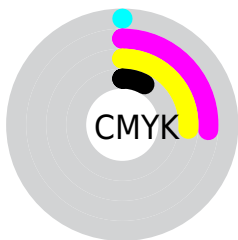
Blue (68%)



Red (92%)

Yellow (69%)

Blue (68%)

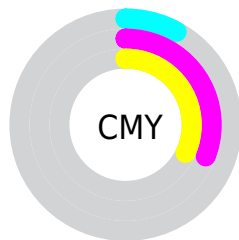


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (8%)



Cyan (8%)


Magenta (31%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.1337, 51.3392, 46.4334 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 57.1337, 51.3392, 46.4334 by changing the saturation by 10% instead.


 57.1337, 51.3392,
46.4334

 57.1337, 51.3392,
46.4334


403.9562,
391.8802, 388.8764

 41.3532, 36.4786,
32.2368


 99.7905, 92.1560,
86.2084

 28.7840, 24.8041,
21.2761


127.3974,
118.8810, 112.6238

 19.0610, 15.9311,
13.1328


159.6772,
150.3295, 143.9493

 11.8186, 9.4754,
7.3883

196.9952,
186.8861, 180.6034

 6.6916, 5.0526,
3.6240

239.7167,
228.9351, 223.0046

 3.3146, 2.2781,
1.4214

288.2072,

 1.3222, 0.7621,

276.8608, 271.5715

0.1583

342.8319,
331.0477, 326.7226

■ 0.1998, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1337, 51.3392,
46.4334

■ 57.1337, 51.3392,
46.4334

■ 50.9973, 42.3910,
34.1385

■ 64.4181, 61.9428,
61.0852

■ 45.9466, 35.0079,
24.0747

■ 72.9005, 74.2717,
78.2047

■ 41.9195, 29.1021,
16.1090

■ 82.6330, 88.4005,
97.8994

■ 38.8461, 24.5743,
10.0933

■ 88.0710, 96.4022,
108.5734

■ 36.6477, 21.3130,
5.8600

■ 35.2330, 19.1891,
3.2135

■ 34.4903, 18.0462,
1.9096

■ 34.3435, 17.8271,
1.6309

Harmonies

Analogous

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



57.9116, 51.3392, 58.5473



57.1337, 51.3392, 46.4334



54.0636, 51.3392, 38.1693

Triad

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



57.1337, 51.3392, 46.4334



42.1323, 51.3392, 42.5567



47.8918, 51.3392, 84.3241

Complementary

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



57.1337, 51.3392, 46.4334



61.3670, 73.1580, 89.4839

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.



43.8829, 51.3392, 78.4132



57.1337, 51.3392, 46.4334



40.6916, 51.3392, 53.3331

Square

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



57.1337, 51.3392, 46.4334



45.3682, 51.3392, 36.1834



41.3123, 51.3392, 66.5723



52.3930, 51.3392, 81.7254

Rectangle

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



57.1337, 51.3392, 46.4334



51.2254, 51.3392, 35.3153



41.3123, 51.3392, 66.5723



46.4454, 51.3392, 83.2412

Sweetspot

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



57.1351, 51.3416, 46.4344



85.9603, 86.8004, 90.5182



64.0514, 53.4885, 84.7654



18.0564, 18.0811, 18.6826



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.



57.1351, 51.3416, 46.4344



64.3544, 55.3583, 47.0318



63.6435, 64.3584, 48.6039



15.1045, 15.1320, 15.6434



19.1313, 9.9569, 0.9135



1.5161, 0.8095, 0.0763

Inverse Universe

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



61.3670, 73.1580, 89.4839



70.2963, 85.9982, 107.5020



53.5776, 57.5791, 86.8875



15.4735, 17.0334, 19.3945



23.7139, 34.0748, 49.0702



1.8752, 2.7020, 3.8576

Previews

White Background



This preview shows how the XYZ color 57.1337, 51.3392, 46.4334 looks on a white background.

Color Contrast Check

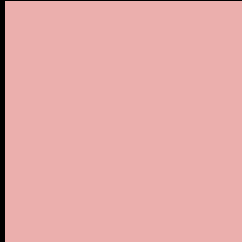
Large Text (above 18pt) WCAG AA × Fail

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 57.1337, 51.3392, 46.4334 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 57.1337, 51.3392, 46.4334

Background



This preview shows how black text looks on a background with the XYZ color 57.1337, 51.3392, 46.4334.



This preview shows how white text looks on a background with the XYZ color 57.1337, 51.3392,

46.4334.

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

57.1337, 51.3392, 46.4334

Protanopia

49.3030, 51.4672, 51.0517

Deuteranopia

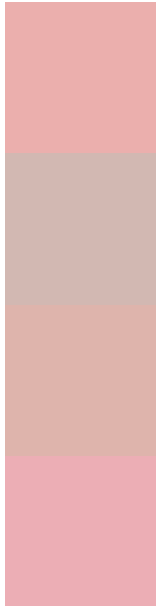
52.3085, 51.2543, 45.6642



Tritanopia

58.3986, 51.2652, 53.2716

Trichromacy



Original Color

57.1337, 51.3392, 46.4334

Protanomaly

51.7547, 51.1970, 49.2737

Deuteranomaly

53.8919, 51.1507, 46.0624

Tritanomaly

58.0686, 51.4412, 50.5847

Monochromacy



Original Color

57.1337, 51.3392, 46.4334

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.4343, 52.0729, 53.7419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1337, 51.3392, 46.4334 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(235, 175, 173)` looks like.

```
.text, #text, p{  
    color:rgb(235, 175, 173)  
}
```

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(235, 175, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 175, 173) }
```

Border

The CSS property to change the border of an element to XYZ 57.1337, 51.3392, 46.4334 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(235, 175, 173) }
```


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

```
.border{ border-color:rgb(235, 175, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 175, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 175, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 175, 173);  
box-shadow:4px 4px 4px 4px rgb(235, 175,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1337, 51.3392, 46.4334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 175, 173) }
```

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

```
.background{ background-color: rgb(235,  
175, 173) }
```

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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