

Converting Colors

XYZ(65.3487, 57.5419, 46.7619)

Have a look what the booklet for
XYZ(65.3487, 57.5419, 46.7619)
contains.

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Color

**XYZ(65.4143, 57.6945,
46.7182)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB6AC
RGB	255, 182, 172
RGB Percent	100%, 71%, 67%
CMY	0.0000, 0.2862, 0.3255
CMYK	0.00, 0.29, 0.33, 0.00
HSL	7°, 100%, 84%
HSV	7°, 33%, 100%
XYZ	65.4143, 57.6945, 46.7182
YIQ	202.6870, 46.7180, 12.3660

Conversions

Conversions Part 2

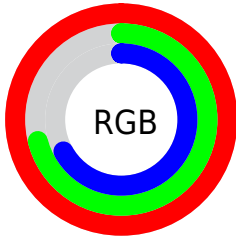
Format	Color
R _Y B	255, 183, 172
Decimal	16758444
CIE Lab	80.57, 25.21, 15.65
CIE LCh	81, 29.669, 31.836
Yxy	57.6945, 0.3852, 0.3397
Android (android.graphics.Color)	4294948524 (0xFFFFB6AC)
YUV	202.6870, -15.1287, 45.8785
Hunter-Lab	75.9569, 20.8002, 16.7028

Details

The XYZ color **65.4143, 57.6945, 46.7182** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.7143, 81.2924, 106.7297**, and the grayscale version is **56.6411, 59.5909, 64.8945**.

A 20% lighter version of the original color is **85.6797, 87.9551, 85.1343**, and **34.2664, 28.9269, 21.5467** is the 20% darker color. If you saturate the color by 10%, you get **58.9656, 48.3474, 33.6233**, and if you desaturate by 10%, it is **73.0714, 68.7060, 62.5354**.

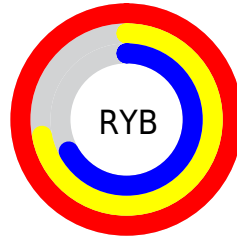
Distribution



Red (100%)

Green (71%)

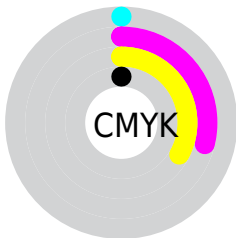
Blue (67%)



Red (100%)

Yellow (72%)

Blue (67%)

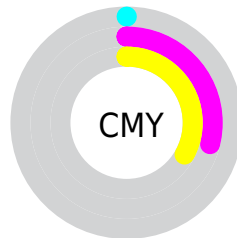


Cyan (0%)

Magenta (29%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.4143, 57.6945, 46.7182 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 65.4143, 57.6945, 46.7182 by changing the saturation by 10% instead.


 65.4143, 57.6945,
46.7182

 65.4143, 57.6945,
46.7182


433.8010,
416.0466, 390.0497

 48.0630, 41.5631,
32.4602


 111.7077,
101.4778, 86.6384

 34.0883, 28.7593,
21.4455


141.3805,
129.8986, 113.1377

 23.1246, 18.8988,
13.2556


175.8913,
163.1845, 144.5544

 14.8068, 11.5972,
7.4720

215.6053,
201.7201, 181.3073

 8.7693, 6.4700,
3.6761

260.8879,
245.8897, 223.8147

 4.6469, 3.1329,
1.4494


312.1045,

 2.0742, 1.2015,


296.0778, 272.4952


0.1798

369.6204,
352.6686, 327.7673


 0.6751, 0.0630,
0.0000


 0.0000, 0.0000,
0.0000


 65.4143, 57.6945,
46.7182


 65.4143, 57.6945,
46.7182


 58.9656, 48.3474,
33.6233


 73.0714, 68.7060,
62.5354

 53.6589, 40.5758,
23.0934

 81.9899, 81.4487,
81.2129

 49.4282, 34.2950,
14.9608

 92.2249, 95.9960,
102.8837

 46.1989, 29.4090,
9.0362

95.0500, 100.0000,
108.9000

■ 43.8865, 25.8105,
5.1015

■ 42.3921, 23.3762,
2.8939

■ 41.7232, 22.2264,
2.0911

Harmonies

Analogous

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



67.4116, 57.6945, 61.7499



65.4143, 57.6945, 46.7182



60.5599, 57.6945, 37.6208

Triad

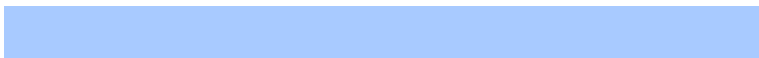
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.4143, 57.6945, 46.7182



45.1353, 57.6945, 48.2644



55.2134, 57.6945, 102.7176

Complementary

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



65.4143, 57.6945, 46.7182



67.7143, 81.2924, 106.7297

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.



49.4863, 57.6945, 97.3202



65.4143, 57.6945, 46.7182



43.9320, 57.6945, 63.9014

Square

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



65.4143, 57.6945, 46.7182



48.8813, 57.6945, 38.3903



45.4660, 57.6945, 82.2509



61.2576, 57.6945, 95.8870

Rectangle

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



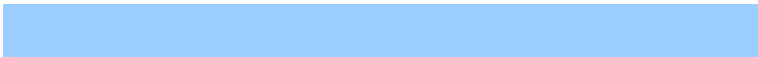
65.4143, 57.6945, 46.7182



56.5190, 57.6945, 35.0963



45.4660, 57.6945, 82.2509



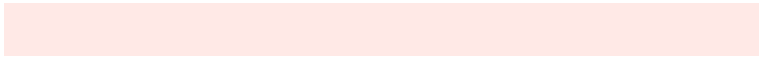
53.1885, 57.6945, 102.2698

Sweetspot

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



65.4158, 57.6972, 46.7194



84.4712, 84.9820, 86.4464



72.5226, 57.3775, 93.8925



17.7852, 17.7695, 17.8802



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.



65.4158, 57.6972, 46.7194



61.1203, 51.4802, 37.9684



75.1233, 77.1122, 49.9552



18.1857, 18.3396, 18.7257



21.8563, 11.7238, 1.1110



2.1815, 1.2485, 0.1260

Inverse Universe

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



67.7143, 81.2924, 106.7297



63.7274, 78.3512, 106.3722



56.6131, 59.0898, 103.0293



18.3570, 20.0855, 23.1593



23.4702, 31.8500, 54.3452



2.3356, 3.2020, 5.3082

Previews

White Background



This preview shows how the XYZ color 65.4143, 57.6945, 46.7182 looks on a white background.

Color Contrast Check

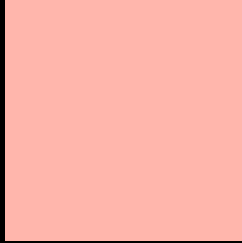
Large Text (above 18pt) WCAG AA × Fail

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 65.4143, 57.6945, 46.7182 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 65.4143, 57.6945, 46.7182

Background



This preview shows how black text looks on a background with the XYZ color 65.4143, 57.6945, 46.7182.



This preview shows how white text looks on a background with the XYZ color 65.4143, 57.6945,

46.7182.

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

65.4143, 57.6945, 46.7182

Protanopia

55.0072, 58.0546, 52.0225

Deuteranopia

58.9588, 57.8652, 46.0918



Tritanopia

67.1869, 57.7528, 58.0583

Trichromacy



Original Color

65.4143, 57.6945, 46.7182

Protanomaly

58.1572, 57.3618, 50.1262

Deuteranomaly

61.1449, 57.6862, 46.4399

Tritanomaly

66.5208, 57.8105, 53.5515

Monochromacy



Original Color

65.4143, 57.6945, 46.7182

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

59.1537, 58.3656, 58.0171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4143, 57.6945, 46.7182 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(255, 182, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 172)  
}
```

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(255, 182, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 172) }
```

Border

The CSS property to change the border of an element to XYZ 65.4143, 57.6945, 46.7182 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(255, 182, 172) }
```


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

```
.border{ border-color:rgb(255, 182, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 182, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4143, 57.6945, 46.7182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 172) }
```

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

```
.background{ background-color: rgb(255,  
182, 172) }
```

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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