

Converting Colors

XYZ(64.4610, 54.7250, 55.1036)

Have a look what the booklet for
XYZ(64.4610, 54.7250, 55.1036)
contains.

XYZ(64.4662, 54.6417, 55.2933)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(64.4662, 54.6417,
55.2933)**

Conversions

Conversions Part 1

Format	Color
Hex	FCAEBD
RGB	252, 174, 189
RGB Percent	99%, 68%, 74%
CMY	0.0118, 0.3176, 0.2588
CMYK	0.00, 0.31, 0.25, 0.01
HSL	348°, 93%, 84%
HSV	348°, 31%, 99%
XYZ	64.4662, 54.6417, 55.2933
YIQ	199.0320, 41.6730, 21.2010

Conversions

Conversions Part 2

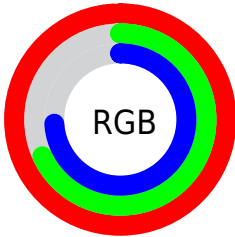
Format	Color
R _Y B	252, 174, 189
Decimal	16559805
CIE Lab	78.83, 30.54, 3.94
CIE LCh	79, 30.791, 7.359
Yxy	54.6417, 0.3696, 0.3133
Android (android.graphics.Color)	4294749885 (0xFFFC AEBD)
YUV	199.0320, -4.9458, 46.4529
Hunter-Lab	73.9200, 26.3111, 7.3942

Details

The XYZ color **64.4662, 54.6417, 55.2933** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.5543, 84.7351, 92.9200**, and the grayscale version is **54.3185, 57.1473, 62.2334**.

A 20% lighter version of the original color is **86.0182, 84.4462, 98.1523**, and **33.5294, 26.9217, 26.7218** is the 20% darker color. If you saturate the color by 10%, you get **57.9900, 44.9805, 42.9878**, and if you desaturate by 10%, it is **72.1687, 66.2586, 69.5387**.

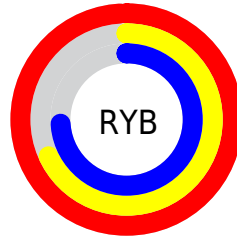
Distribution



Red (99%)

Green (68%)

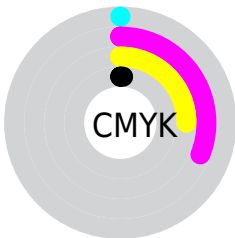
Blue (74%)



Red (99%)

Yellow (68%)

Blue (74%)

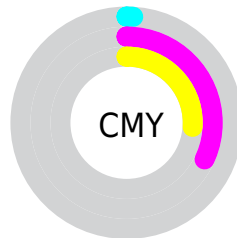


Cyan (0%)

Magenta (31%)

Yellow (25%)

Black (1%)



Cyan (1%)


Magenta (32%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.4662, 54.6417, 55.2933 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 64.4662, 54.6417, 55.2933 by changing the saturation by 10% instead.


 64.4662, 54.6417,
55.2933

 64.4662, 54.6417,
55.2933


430.4468,
404.5523, 424.3360

 47.2915, 39.1149,
39.2364


 110.3521, 97.0158,
99.4460

 33.4750, 26.8491,
26.6344


139.7939,
124.6319, 128.3789

 22.6516, 17.4600,
17.0689

174.0555,
157.0466, 162.4409

 14.4557, 10.5630,
10.1211

213.5021,
194.6442, 202.0505

 8.5221, 5.7738,
5.3727

258.4992,
237.8092, 247.6263

 4.4854, 2.7080,
2.4050


309.4121,


 1.9802, 0.9813,


286.9260, 299.5868


0.7892

366.6062,
342.3789, 358.3505


 0.6228, 0.0000,
0.0000

 0.0000, 0.0000,
0.0000


 64.4662, 54.6417,
55.2933


 64.4662, 54.6417,
55.2933

 57.9900, 44.9805,
42.9878

 72.1687, 66.2586,
69.5387

 52.6717, 37.1597,
32.5343

 81.1524, 79.9226,
85.8001

 48.4428, 31.0639,
23.8426

 91.4742, 95.7287,
104.1536

 45.2256, 26.5615,
16.8138

 93.9550, 99.4355,
108.8488

■ 42.9317, 23.5017,
11.3387

■ 41.4568, 21.7043,
7.2941

■ 40.6878, 20.9126,
4.7371

Harmonies

Analogous

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



63.5377, 54.6417, 73.3954



64.4662, 54.6417, 55.2933



61.8336, 54.6417, 41.3414

Triad

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



64.4662, 54.6417, 55.2933



45.1342, 54.6417, 36.5785



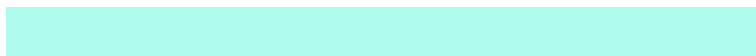
47.5471, 54.6417, 96.2214

Complementary

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



64.4662, 54.6417, 55.2933



67.5543, 84.7351, 92.9200

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.



43.1541, 54.6417, 82.3110



64.4662, 54.6417, 55.2933



41.8390, 54.6417, 47.4717

Square

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



64.4662, 54.6417, 55.2933



50.4465, 54.6417, 31.9986



41.1435, 54.6417, 63.9054



53.4531, 54.6417, 99.4442

Rectangle

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



64.4662, 54.6417, 55.2933



58.5263, 54.6417, 35.4429



41.1435, 54.6417, 63.9054



45.8587, 54.6417, 92.5246

Sweetspot

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



64.4677, 54.6443, 55.2944



85.3183, 85.0844, 91.6357



67.4336, 55.2046, 99.1970



17.9477, 17.7320, 19.0520



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.



64.4677, 54.6443, 55.2944



62.0392, 49.8737, 48.8930



67.8438, 63.8682, 48.7998



17.3810, 17.2797, 18.5959



21.2346, 10.9096, 2.6780



2.0017, 1.0244, 0.4326

Inverse Universe

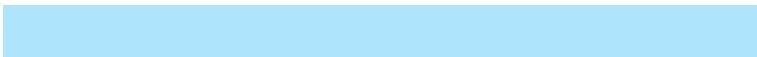
The Inverse Universe completely reimagines the original color for something new.



64.4677, 54.6443, 55.2944



62.0392, 49.8737, 48.8930



62.9371, 71.8464, 102.6462



17.3810, 17.2797, 18.5959



21.2346, 10.9096, 2.6780



2.0017, 1.0244, 0.4326

Previews

White Background



This preview shows how the XYZ color 64.4662, 54.6417, 55.2933 looks on a white background.

Color Contrast Check

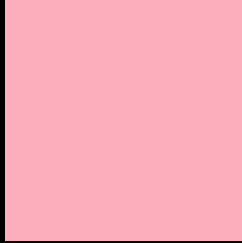
Large Text (above 18pt) WCAG AA × Fail

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 64.4662, 54.6417, 55.2933 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 64.4662, 54.6417, 55.2933

Background



This preview shows how black text looks on a background with the XYZ color 64.4662, 54.6417, 55.2933.



This preview shows how white text looks on a background with the XYZ color 64.4662, 54.6417,

55.2933.

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

64.4662, 54.6417, 55.2933

Protanopia

52.8604, 54.6709, 63.0248

Deuteranopia

55.9740, 54.8458, 54.0905



Tritanopia

64.3580, 54.5984, 54.7235

Trichromacy



Original Color

64.4662, 54.6417, 55.2933



Protanomaly

56.4636, 54.3236, 60.3329



Deuteranomaly

58.7433, 54.6918, 54.4742



Tritanomaly

64.3580, 54.5984, 54.7235

Monochromacy



Original Color

64.4662, 54.6417, 55.2933



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

57.1772, 55.6725, 59.3621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.4662, 54.6417, 55.2933 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(252, 174, 189)` looks like.

```
.text, #text, p{  
    color:rgb(252, 174, 189)  
}
```

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(252, 174, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 174, 189) }
```

Border

The CSS property to change the border of an element to XYZ 64.4662, 54.6417, 55.2933 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(252, 174, 189) }
```


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

```
.border{ border-color:rgb(252, 174, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 174, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 174, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 174, 189);  
box-shadow:4px 4px 4px 4px rgb(252, 174,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 64.4662, 54.6417, 55.2933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 174, 189) }
```

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

```
.background{ background-color: rgb(252,  
174, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor