

Converting Colors

XYZ(64.5435, 53.5405, 55.6484)

Have a look what the booklet for
XYZ(64.5435, 53.5405, 55.6484)
contains.

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Color

**XYZ(64.5420, 53.5380,
55.6473)**

Conversions

Conversions Part 1

Format	Color
Hex	FEAABE
RGB	254, 170, 190
RGB Percent	100%, 67%, 75%
CMY	0.0039, 0.3333, 0.2549
CMYK	0.00, 0.33, 0.25, 0.00
HSL	346°, 98%, 83%
HSV	346°, 33%, 100%
XYZ	64.5420, 53.5380, 55.6473
YIQ	197.3960, 43.6440, 24.0280

Conversions

Conversions Part 2

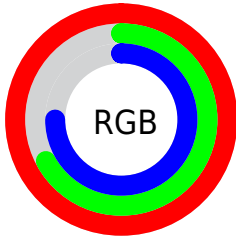
Format	Color
RYB	254, 170, 190
Decimal	16689854
CIELab	78.19, 33.48, 2.50
CIELCh	78, 33.574, 4.263
Yxy	53.5380, 0.3715, 0.3082
Android (android.graphics.Color)	4294879934 (0xFFFEAABE)
YUV	197.3960, -3.6462, 49.6417
Hunter-Lab	73.1697, 29.4056, 6.1273

Details

The XYZ color **64.5420, 53.5380, 55.6473** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.8730, 85.3714, 90.7999**, and the grayscale version is **53.3145, 56.0910, 61.0831**.

A 20% lighter version of the original color is **85.0709, 82.3065, 98.5918**, and **33.6416, 26.2645, 26.9634** is the 20% darker color. If you saturate the color by 10%, you get **58.2556, 44.1285, 43.7994**, and if you desaturate by 10%, it is **72.0321, 64.9046, 69.2834**.

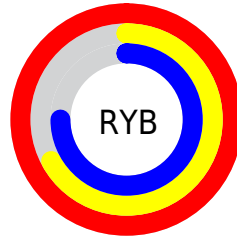
Distribution



Red (100%)

Green (67%)

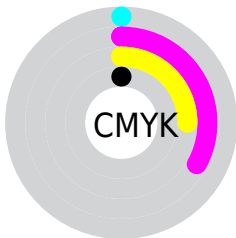
Blue (75%)



Red (100%)

Yellow (67%)

Blue (75%)

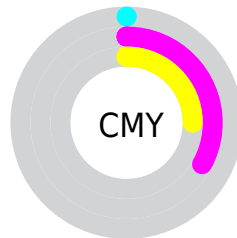


Cyan (0%)

Magenta (33%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.5420, 53.5380, 55.6473 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 64.5420, 53.5380, 55.6473 by changing the saturation by 10% instead.


 64.5420, 53.5380,
55.6473

 64.5420, 53.5380,
55.6473


430.7156,
400.3458, 425.7119

 47.3531, 38.2324,
39.5181


 110.4605, 95.3956,
99.9693

 33.5240, 26.1631,
26.8521


139.9209,
122.7163, 128.9993

 22.6893, 16.9457,
17.2307


174.2024,
154.8110, 163.1666

 14.4837, 10.1958,
10.2354

213.6705,
192.0639, 202.8897

 8.5418, 5.5290,
5.4477

258.6905,
234.8594, 248.5873

 4.4982, 2.5608,
2.4490

309.6278,

 1.9877, 0.9070,

283.5820, 300.6778

0.8129

366.8477,
338.6160, 359.5798

■ 0.6270, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.5420, 53.5380,
55.6473

■ 64.5420, 53.5380,
55.6473

■ 58.2556, 44.1285,
43.7994

■ 72.0321, 64.9046,
69.2834

■ 53.1044, 36.5577,
33.6609

■ 80.7807, 78.3226,
84.7755

■ 49.0194, 30.7062,
25.1517

■ 90.8447, 93.8893,
102.1917

■ 45.9224, 26.4374,
18.1836

94.6831, 99.8109,
108.8828

■ 43.7234, 23.5936,
12.6597

■ 42.3151, 21.9836,
8.4703

■ 41.7011, 21.4021,
6.2727

Harmonies

Analogous

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



63.1260, 53.5380, 75.4449



64.5420, 53.5380, 55.6473



62.0488, 53.5380, 40.2164

Triad

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



64.5420, 53.5380, 55.6473



44.1048, 53.5380, 33.2283



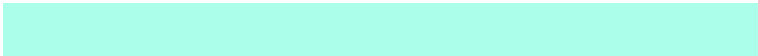
45.5989, 53.5380, 97.3027

Complementary

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



64.5420, 53.5380, 55.6473



66.8730, 85.3714, 90.7999

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.



41.1498, 53.5380, 81.1093



64.5420, 53.5380, 55.6473



40.3407, 53.5380, 43.9615

Square

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



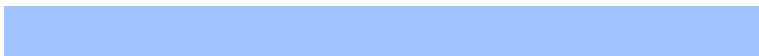
64.5420, 53.5380, 55.6473



49.9536, 53.5380, 29.1619



39.3068, 53.5380, 61.0229



51.8305, 53.5380, 102.2917

Rectangle

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



64.5420, 53.5380, 55.6473



58.6213, 53.5380, 33.5964



39.3068, 53.5380, 61.0229



43.8634, 53.5380, 92.8404

Sweetspot

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



64.5435, 53.5405, 55.6484



84.4758, 83.6069, 90.7153



65.8703, 53.2316, 100.5691



17.7865, 17.4403, 18.9038



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.



64.5435, 53.5405, 55.6484



60.5951, 47.2280, 47.6641



66.7613, 61.2372, 46.3347



18.1866, 18.0579, 19.5997



22.0327, 11.3024, 3.5565



2.1856, 1.1166, 0.5589

Inverse Universe

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



64.5435, 53.5405, 55.6484



60.5951, 47.2280, 47.6641



63.6078, 73.9814, 104.6935



18.1866, 18.0579, 19.5997



22.0327, 11.3024, 3.5565



2.1856, 1.1166, 0.5589

Previews

White Background



This preview shows how the XYZ color 64.5420, 53.5380, 55.6473 looks on a white background.

Color Contrast Check

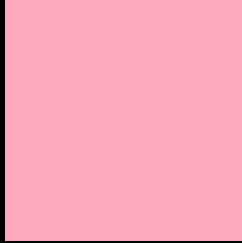
Large Text (above 18pt) WCAG AA × Fail

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 64.5420, 53.5380, 55.6473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

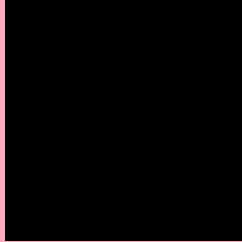
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.5420, 53.5380, 55.6473

Background



This preview shows how black text looks on a background with the XYZ color 64.5420, 53.5380, 55.6473.



This preview shows how white text looks on a background with the XYZ color 64.5420, 53.5380,

55.6473.

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

64.5420, 53.5380, 55.6473

Protanopia

52.3551, 54.0538, 64.1739

Deuteranopia

54.7643, 53.5756, 54.4684



Tritanopia

63.7227, 53.4692, 52.3094

Trichromacy



Original Color

64.5420, 53.5380, 55.6473



Protanomaly

55.8609, 53.3741, 60.7841



Deuteranomaly

57.9141, 53.3366, 54.8195



Tritanomaly

63.9338, 53.5536, 53.4216

Monochromacy



Original Color

64.5420, 53.5380, 55.6473



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

56.4214, 54.3411, 58.5541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5420, 53.5380, 55.6473 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(254, 170, 190)` looks like.

```
.text, #text, p{  
    color:rgb(254, 170, 190)  
}
```

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(254, 170, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 170, 190) }
```

Border

The CSS property to change the border of an element to XYZ 64.5420, 53.5380, 55.6473 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(254, 170, 190) }
```


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

```
.border{ border-color:rgb(254, 170, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 170, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 170, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 170, 190);  
box-shadow:4px 4px 4px 4px rgb(254, 170,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5420, 53.5380, 55.6473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 170, 190) }
```

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

```
.background{ background-color: rgb(254,  
170, 190) }
```

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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