

Converting Colors

XYZ(73.6478, 61.7598, 45.4499)

Have a look what the booklet for
XYZ(73.6478, 61.7598, 45.4499)
contains.

XYZ(64.9253, 57.1723, 45.1495)	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(64.9253, 57.1723,
45.1495)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB5A9
RGB	255, 181, 169
RGB Percent	100%, 71%, 66%
CMY	0.0000, 0.2902, 0.3372
CMYK	0.00, 0.29, 0.34, 0.00
HSL	8°, 100%, 83%
HSV	8°, 34%, 100%
XYZ	64.9253, 57.1723, 45.1495
YIQ	201.7580, 47.9560, 11.9560

Conversions

Conversions Part 2

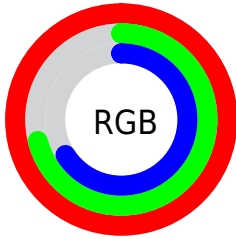
Format	Color
R _Y B	255, 183, 169
Decimal	16758185
CIE Lab	80.28, 25.36, 16.85
CIE LCh	80, 30.452, 33.604
Yxy	57.1723, 0.3882, 0.3418
Android (android.graphics.Color)	4294948265 (0xFFFFB5A9)
YUV	201.7580, -16.1497, 46.6932
Hunter-Lab	75.6124, 20.9491, 17.5255

Details

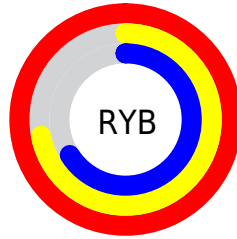
The XYZ color **64.9253, 57.1723, 45.1495** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.4615, 79.7533, 106.4988**, and the grayscale version is **56.0660, 58.9858, 64.2355**.

A 20% lighter version of the original color is **84.9787, 87.2102, 82.8754**, and **33.6950, 28.4585, 20.5467** is the 20% darker color. If you saturate the color by 10%, you get **58.6455, 48.0774, 32.3751**, and if you desaturate by 10%, it is **72.3774, 67.8643, 60.6191**.

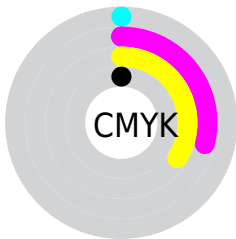
Distribution



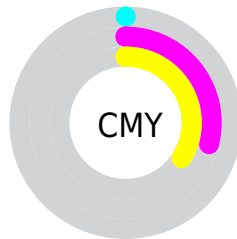
- Red (100%)
- Green (71%)
- Blue (66%)



- Red (100%)
- Yellow (72%)
- Blue (66%)



- Cyan (0%)
- Magenta (29%)
- Yellow (34%)
- Black (0%)





- Cyan (0%)
- Magenta (29%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.9253, 57.1723, 45.1495 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 64.9253, 57.1723, 45.1495 by changing the saturation by 10% instead.


 64.9253, 57.1723,
45.1495

 64.9253, 57.1723,
45.1495


432.0729,
414.0946, 383.5565

 47.6650, 41.1436,
31.2314


 111.0088,
100.7166, 84.2655

 33.7718, 28.4313,
20.5152


140.5626,
129.0009, 110.3005

 22.8804, 18.6510,
12.5823


174.9450,
162.1392, 141.2116

 14.6254, 11.4184,
7.0142

214.5214,
200.5159, 177.4172

 8.6415, 6.3490,
3.3924

259.6570,
244.5154, 219.3360

 4.5633, 3.0584,
1.2983

310.7172,

 2.0255, 1.1623,

294.5221, 267.3864

0.0604

368.0674,
350.9204, 321.9871

0.6482, 0.0306,
0.0000

0.0000, 0.0000,
0.0000

64.9253, 57.1723,
45.1495

64.9253, 57.1723,
45.1495

58.6455, 48.0774,
32.3751

72.3774, 67.8643,
60.6191

53.4737, 40.4952,
22.1379

81.0531, 80.2167,
78.9225

49.3457, 34.3454,
14.2690

91.0061, 94.2992,
100.1930

46.1891, 29.5371,
8.5772

95.0500, 100.0000,
108.9000

■ 43.9217, 25.9690,
4.8416

■ 42.4472, 23.5247,
2.7938

■ 41.8588, 22.4975,
2.1363

Harmonies

Analogous

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



67.1752, 57.1723, 60.1218



64.9253, 57.1723, 45.1495



59.8341, 57.1723, 36.3292

Triad

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



64.9253, 57.1723, 45.1495



44.3140, 57.1723, 48.2285



55.0961, 57.1723, 103.0855

Complementary

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



64.9253, 57.1723, 45.1495



66.4615, 79.7533, 106.4988

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.



49.1940, 57.1723, 98.2584



64.9253, 57.1723, 45.1495



43.2546, 57.1723, 64.4297

Square

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



64.9253, 57.1723, 45.1495



47.9850, 57.1723, 37.8543



44.9737, 57.1723, 83.2027



61.2339, 57.1723, 95.3673

Rectangle

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



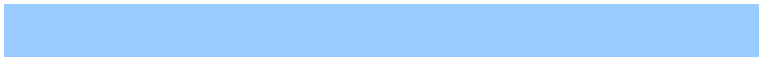
64.9253, 57.1723, 45.1495



55.6840, 57.1723, 34.0339



44.9737, 57.1723, 83.2027



53.0189, 57.1723, 102.8820

Sweetspot

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



64.9267, 57.1750, 45.1506



84.6086, 85.2568, 86.4921



71.6866, 56.1398, 92.2748



17.8181, 17.8354, 17.8911



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.



64.9267, 57.1750, 45.1506



60.8523, 51.2850, 36.8287



74.9142, 77.1500, 48.4798



18.2138, 18.3959, 18.7351



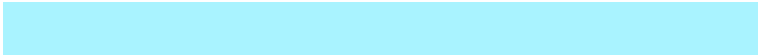
21.9338, 11.8789, 1.1368



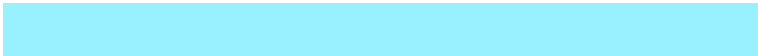
2.1947, 1.2748, 0.1304

Inverse Universe

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



66.4615, 79.7533, 106.4988



62.5715, 76.7616, 106.1263



55.1907, 57.2116, 102.7418



18.3260, 20.0235, 23.1490



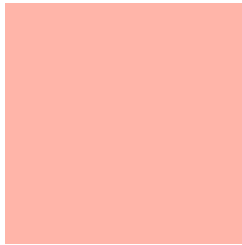
22.8060, 30.5216, 54.1238



2.2774, 3.0855, 5.2888

Previews

White Background



This preview shows how the XYZ color 64.9253, 57.1723, 45.1495 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 64.9253, 57.1723, 45.1495 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 64.9253, 57.1723, 45.1495

Background



This preview shows how black text looks on a background with the XYZ color 64.9253, 57.1723, 45.1495.



This preview shows how white text looks on a background with the XYZ color 64.9253, 57.1723,

45.1495.

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

64.9253, 57.1723, 45.1495

Protanopia

54.4717, 57.4711, 50.3415

Deuteranopia

58.4578, 57.3123, 44.5405



Tritanopia

66.8745, 57.3060, 57.4057

Trichromacy



Original Color

64.9253, 57.1723, 45.1495

Protanomaly

57.6388, 56.8020, 48.4834

Deuteranomaly

60.6477, 57.1443, 44.8793

Tritanomaly

66.2130, 57.3632, 52.9298

Monochromacy



Original Color

64.9253, 57.1723, 45.1495

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

58.4048, 57.6734, 56.7690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9253, 57.1723, 45.1495 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, 181, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 169)  
}
```

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, 181, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 169) }
```

Border

The CSS property to change the border of an element to XYZ 64.9253, 57.1723, 45.1495 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, 181, 169) }
```


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

```
.border{ border-color:rgb(255, 181, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9253, 57.1723, 45.1495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 169) }
```

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

```
.background{ background-color: rgb(255,  
181, 169) }
```

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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