

Converting Colors

XYZ(70.1618, 60.4801, 44.8785)

Have a look what the booklet for
XYZ(70.1618, 60.4801, 44.8785)
contains.

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Color

**XYZ(65.2414, 57.9541,
44.7935)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB7A8
RGB	255, 183, 168
RGB Percent	100%, 72%, 66%
CMY	0.0000, 0.2823, 0.3412
CMYK	0.00, 0.28, 0.34, 0.00
HSL	10°, 100%, 83%
HSV	10°, 34%, 100%
XYZ	65.2414, 57.9541, 44.7935
YIQ	202.8180, 47.7270, 10.5990

Conversions

Conversions Part 2

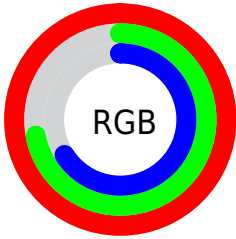
Format	Color
R _Y B	255, 186, 168
Decimal	16758696
CIE Lab	80.71, 24.19, 18.00
CIE LCh	81, 30.155, 36.650
Yxy	57.9541, 0.3884, 0.3450
Android (android.graphics.Color)	4294948776 (0xFFFFB7A8)
YUV	202.8180, -17.1653, 45.7636
Hunter-Lab	76.1276, 19.7513, 18.4031

Details

The XYZ color **65.2414, 57.9541, 44.7935** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.3574, 77.8623, 106.1920**, and the grayscale version is **56.7351, 59.6898, 65.0022**.

A 20% lighter version of the original color is **85.4258, 88.3207, 82.3572**, and **34.1610, 29.0965, 20.3387** is the 20% darker color. If you saturate the color by 10%, you get **59.0637, 49.0351, 32.1408**, and if you desaturate by 10%, it is **72.5403, 68.3699, 60.1193**.

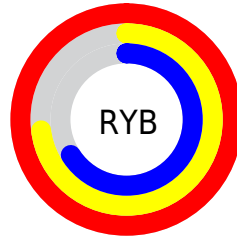
Distribution



Red (100%)

Green (72%)

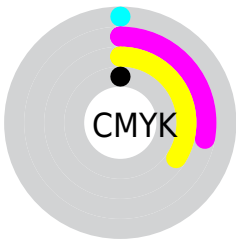
Blue (66%)



Red (100%)

Yellow (73%)

Blue (66%)

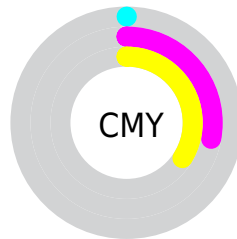


Cyan (0%)

Magenta (28%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.2414, 57.9541, 44.7935 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 65.2414, 57.9541, 44.7935 by changing the saturation by 10% instead.


 65.2414, 57.9541,
44.7935

 65.2414, 57.9541,
44.7935


433.1905,
417.0149, 382.0723

 47.9223, 41.7717,
30.9530


 111.4606,
101.8560, 83.7256

 33.9763, 28.9226,
20.3049

141.0914,
130.3444, 109.6543

 23.0382, 19.0223,
12.4306


175.5568,
163.7035, 140.4496

 14.7426, 11.6864,
6.9116

215.2222,
202.3178, 176.5299

 8.7241, 6.5305,
3.3293

260.4529,
246.5717, 218.3137

 4.6173, 3.1703,
1.2651

311.6143,

 2.0569, 1.2213,

296.8496, 266.2197

0.0329

369.0717,
353.5359, 320.6664

0.6656, 0.0790,
0.0000

0.0000, 0.0000,
0.0000

65.2414, 57.9541,
44.7935

65.2414, 57.9541,
44.7935

59.0637, 49.0351,
32.1408

72.5403, 68.3699,
60.1193

53.9468, 41.5360,
22.0040

81.0085, 80.3388,
78.2562

49.8306, 35.3850,
14.2150

90.6962, 93.9238,
99.3367

46.6473, 30.5012,
8.5832

95.0500, 100.0000,
108.9000

■ 44.3204, 26.7942,
4.8883

■ 42.7596, 24.1613,
2.8619

■ 42.1400, 23.0599,
2.2300

Harmonies

Analogous

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



67.8304, 57.9541, 59.2203



65.2414, 57.9541, 44.7935



59.9586, 57.9541, 36.6012

Triad

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



65.2414, 57.9541, 44.7935



44.8217, 57.9541, 50.4827



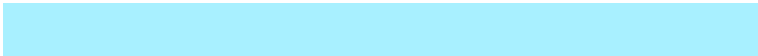
56.4795, 57.9541, 103.5799

Complementary

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



65.2414, 57.9541, 44.7935



65.3574, 77.8623, 106.1920

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.



50.4803, 57.9541, 100.0399



65.2414, 57.9541, 44.7935



44.0431, 57.9541, 67.1501

Square

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



65.2414, 57.9541, 44.7935



48.2519, 57.9541, 39.4282



46.0390, 57.9541, 85.8227



62.5316, 57.9541, 94.7462

Rectangle

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



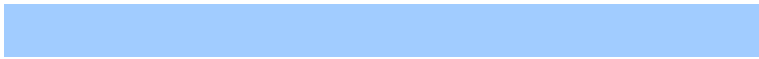
65.2414, 57.9541, 44.7935



55.7852, 57.9541, 34.7248



46.0390, 57.9541, 85.8227



54.3880, 57.9541, 103.8191

Sweetspot

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



65.2428, 57.9568, 44.7947



84.8466, 85.7327, 86.5715



71.0455, 55.5869, 89.8131



17.8752, 17.9496, 17.9102



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.



65.2428, 57.9568, 44.7947



60.8731, 51.6601, 35.8075



75.5045, 78.4802, 48.2152



18.2625, 18.4933, 18.7514



22.0922, 12.1957, 1.1896



2.2177, 1.3209, 0.1381

Inverse Universe

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



65.3574, 77.8623, 106.1920



60.9856, 74.2966, 105.7341



54.1653, 55.4780, 102.4612



18.2726, 19.9168, 23.1312



21.7036, 28.3167, 53.7564



2.1803, 2.8912, 5.2564

Previews

White Background



This preview shows how the XYZ color 65.2414, 57.9541, 44.7935 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 65.2414, 57.9541, 44.7935 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 65.2414, 57.9541, 44.7935

Background



This preview shows how black text looks on a background with the XYZ color 65.2414, 57.9541, 44.7935.



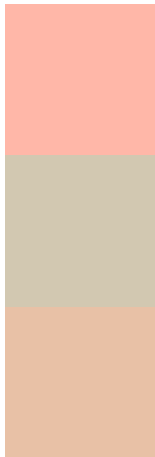
This preview shows how white text looks on a background with the XYZ color 65.2414, 57.9541,

44.7935.

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

65.2414, 57.9541, 44.7935

Protanopia

55.1684, 58.1845, 49.9180

Deuteranopia

59.2316, 58.0489, 44.1591



Tritanopia

67.1869, 57.7528, 58.0583

Trichromacy



Original Color

65.2414, 57.9541, 44.7935

Protanomaly

58.2958, 57.8083, 48.1300

Deuteranomaly

61.1078, 57.7105, 44.4777

Tritanomaly

66.4156, 57.7684, 52.9973

Monochromacy



Original Color

65.2414, 57.9541, 44.7935

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

59.1584, 58.7272, 56.9327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2414, 57.9541, 44.7935 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, 183, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 168)  
}
```

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, 183, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 168) }
```

Border

The CSS property to change the border of an element to XYZ 65.2414, 57.9541, 44.7935 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, 183, 168) }
```


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

```
.border{ border-color:rgb(255, 183, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 183, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2414, 57.9541, 44.7935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 168) }
```

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

```
.background{ background-color: rgb(255,  
183, 168) }
```

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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