

Converting Colors

XYZ(73.4324, 64.0757, 54.7860)

Have a look what the booklet for
XYZ(73.4324, 64.0757, 54.7860)
contains.

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Color

**XYZ(68.5164, 61.6321,
54.7394)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBEBA
RGB	255, 190, 186
RGB Percent	100%, 75%, 73%
CMY	0.0000, 0.2549, 0.2706
CMYK	0.00, 0.25, 0.27, 0.00
HSL	3°, 100%, 86%
HSV	3°, 27%, 100%
XYZ	68.5164, 61.6321, 54.7394
YIQ	208.9790, 40.0240, 12.5360

Conversions

Conversions Part 2

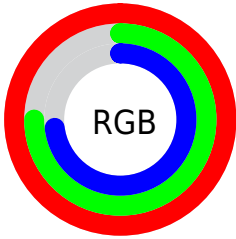
Format	Color
R _Y B	255, 190, 186
Decimal	16760506
CIE Lab	82.72, 22.81, 11.17
CIE LCh	83, 25.404, 26.093
Yxy	61.6321, 0.3706, 0.3333
Android (android.graphics.Color)	4294950586 (0xFFFFBEBA)
YUV	208.9790, -11.3286, 40.3604
Hunter-Lab	78.5061, 18.4006, 13.6136

Details

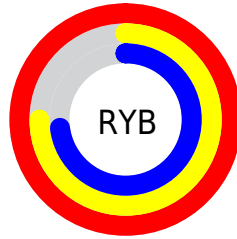
The XYZ color **68.5164, 61.6321, 54.7394** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.7957, 86.6506, 107.4962**, and the grayscale version is **60.6453, 63.8036, 69.4821**.

A 20% lighter version of the original color is **90.5278, 94.1923, 97.4140**, and **36.0638, 31.1721, 26.3063** is the 20% darker color. If you saturate the color by 10%, you get **61.2629, 51.0832, 40.1193**, and if you desaturate by 10%, it is **77.1141, 74.0948, 72.1955**.

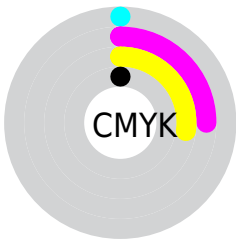
Distribution



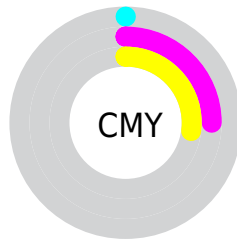
- Red (100%)
- Green (75%)
- Blue (73%)



- Red (100%)
- Yellow (75%)
- Blue (73%)



- Cyan (0%)
- Magenta (25%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.5164, 61.6321, 54.7394 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 68.5164, 61.6321, 54.7394 by changing the saturation by 10% instead.


 68.5164, 61.6321,
54.7394

 68.5164, 61.6321,
54.7394

444.6716,
430.5878, 422.1774

 50.5932, 44.7355,
38.7959


 116.1284,
107.1936, 98.6263

 36.1047, 31.2491,
26.2944


146.5480,
136.6274, 127.4069

 24.6855, 20.7886,
16.8163


181.8636,
171.0089, 161.3036

 15.9704, 12.9696,
9.9430

222.4408,
210.7227, 200.7349

 9.5939, 7.4076,
5.2561

268.6448,
256.1531, 246.1194

 5.1907, 3.7183,
2.3369

320.8411,

 2.3955, 1.5173,

307.6844, 297.8756

0.7518

379.3949,
365.7012, 356.4221

■ 0.8429, 0.3008,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.5164, 61.6321,
54.7394

■ 68.5164, 61.6321,
54.7394

■ 61.2629, 51.0832,
40.1193

■ 77.1141, 74.0948,
72.1955

■ 55.2813, 42.3454,
28.1820

■ 87.1143, 88.5505,
92.6224

■ 50.4996, 35.3193,
18.7656

95.0500, 100.0000,
108.9000

■ 46.8365, 29.8925,
11.6891

■ 44.2009, 25.9393,
6.7473

■ 42.4871, 23.3150,
3.6999

■ 41.5655, 21.8452,
2.2412

■ 41.4080, 21.5961,
1.9860

Harmonies

Analogous

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



69.6830, 61.6321, 69.1752



68.5164, 61.6321, 54.7394



64.6295, 61.6321, 45.1301

Triad

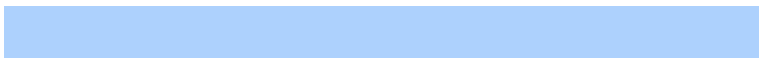
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.5164, 61.6321, 54.7394



50.2960, 61.6321, 51.7014



57.8675, 61.6321, 101.7710

Complementary

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



68.5164, 61.6321, 54.7394



72.7957, 86.6506, 107.4962

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.



52.9193, 61.6321, 95.2621



68.5164, 61.6321, 54.7394



48.7229, 61.6321, 65.0802

Square

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



68.5164, 61.6321, 54.7394



54.0849, 61.6321, 43.5767



49.6530, 61.6321, 81.2096



63.3164, 61.6321, 97.8717

Rectangle

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



68.5164, 61.6321, 54.7394



61.1376, 61.6321, 41.9611



49.6530, 61.6321, 81.2096



56.0937, 61.6321, 100.7043

Sweetspot

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



68.5179, 61.6349, 54.7406



86.1110, 87.1017, 90.5684



76.2987, 63.3782, 99.9339



18.0940, 18.1561, 18.6952



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.



68.5179, 61.6349, 54.7406



64.7691, 56.1877, 47.1700



76.7455, 78.0900, 57.4832



18.0940, 18.1561, 18.6952



21.6696, 11.3505, 1.0487



2.1383, 1.1620, 0.1116

Inverse Universe

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



72.7957, 86.6506, 107.4962



69.6398, 84.6851, 107.2832



63.1260, 67.3112, 104.2730



18.4592, 20.2901, 23.1934



25.7829, 36.4754, 55.1161



2.5368, 3.6043, 5.3753

Previews

White Background



This preview shows how the XYZ color 68.5164, 61.6321, 54.7394 looks on a white background.

Color Contrast Check

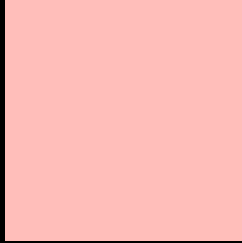
Large Text (above 18pt) WCAG AA × Fail

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 68.5164, 61.6321, 54.7394 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 68.5164, 61.6321, 54.7394

Background



This preview shows how black text looks on a background with the XYZ color 68.5164, 61.6321, 54.7394.



This preview shows how white text looks on a background with the XYZ color 68.5164, 61.6321,

54.7394.

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

68.5164, 61.6321, 54.7394

Protanopia

59.0095, 61.7038, 59.8388

Deuteranopia

63.0068, 61.8000, 53.9552



Tritanopia

69.8839, 61.4907, 64.0627

Trichromacy



Original Color

68.5164, 61.6321, 54.7394

Protanomaly

62.0532, 61.5641, 57.9027

Deuteranomaly

65.1148, 61.8599, 54.4072

Tritanomaly

69.4014, 61.6407, 60.4645

Monochromacy



Original Color

68.5164, 61.6321, 54.7394

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

63.0272, 62.6269, 64.0246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.5164, 61.6321, 54.7394 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, 190, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 186)  
}
```

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, 190, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 186) }
```

Border

The CSS property to change the border of an element to XYZ 68.5164, 61.6321, 54.7394 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, 190, 186) }
```


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

```
.border{ border-color:rgb(255, 190, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 68.5164, 61.6321, 54.7394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 186) }
```

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

```
.background{ background-color: rgb(255,  
190, 186) }
```

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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