

Converting Colors

XYZ(64.6560, 58.0515, 50.7141)

Have a look what the booklet for
XYZ(64.6560, 58.0515, 50.7141)
contains.

XYZ(64.6541, 58.1329, 50.9932)	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(64.6541, 58.1329,
50.9932)**

Conversions

Conversions Part 1

Format	Color
Hex	F9B9B4
RGB	249, 185, 180
RGB Percent	98%, 73%, 71%
CMY	0.0235, 0.2745, 0.2941
CMYK	0.00, 0.26, 0.28, 0.02
HSL	4°, 85%, 84%
HSV	4°, 28%, 98%
XYZ	64.6541, 58.1329, 50.9932
YIQ	203.5660, 39.7490, 12.0130

Conversions

Conversions Part 2

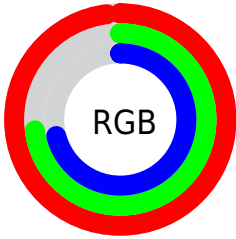
Format	Color
R _Y B	249, 185, 180
Decimal	16366004
CIE Lab	80.81, 22.44, 11.60
CIE LCh	81, 25.260, 27.345
Yxy	58.1329, 0.3720, 0.3345
Android (android.graphics.Color)	4294556084 (0xFFF9B9B4)
YUV	203.5660, -11.6180, 39.8456
Hunter-Lab	76.2449, 17.9356, 13.7178

Details

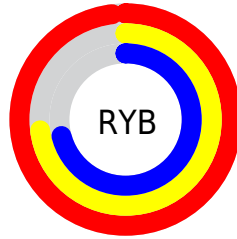
The XYZ color **64.6541, 58.1329, 50.9932** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.2711, 81.2419, 101.7058**, and the grayscale version is **57.1753, 60.1529, 65.5065**.

A 20% lighter version of the original color is **87.8356, 90.2267, 92.1429**, and **33.5679, 29.1112, 23.9285** is the 20% darker color. If you saturate the color by 10%, you get **57.8968, 48.3195, 37.3301**, and if you desaturate by 10%, it is **72.6549, 69.7034, 67.3201**.

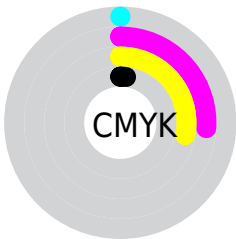
Distribution



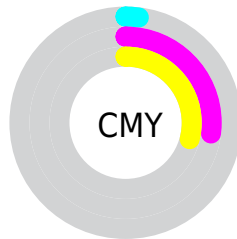
- Red (98%)
- Green (73%)
- Blue (71%)



- Red (98%)
- Yellow (73%)
- Blue (71%)



- Cyan (0%)
- Magenta (26%)
- Yellow (28%)
- Black (2%)





- Cyan (2%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.6541, 58.1329, 50.9932 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 64.6541, 58.1329, 50.9932 by changing the saturation by 10% instead.


 64.6541, 58.1329,
50.9932

 64.6541, 58.1329,
50.9932


431.1128,
417.6810, 407.3832

 47.4443, 41.9155,
35.8265


 110.6209,
102.1164, 93.0561

 33.5965, 29.0351,
24.0116


140.1086,
130.6512, 120.7894

 22.7452, 19.1074,
15.1299


174.4197,
164.0607, 153.5487

 14.5251, 11.7479,
8.7630

213.9195,
202.7292, 191.7524

 8.5709, 6.5723,
4.4922

258.9733,
247.0410, 235.8192

 4.5172, 3.1961,
1.8991

309.9466,

 1.9987, 1.2349,

297.3807, 286.1676

0.4921

367.2046,
354.1325, 343.2160

0.6332, 0.0900,
0.0000

0.0000, 0.0000,
0.0000

64.6541, 58.1329,
50.9932

64.6541, 58.1329,
50.9932

57.8968, 48.3195,
37.3301

72.6549, 69.7034,
67.3201

52.3162, 40.1695,
26.1862

81.9524, 83.1024,
86.4379

47.8460, 33.5932,
17.4083

92.6023, 98.4072,
108.4699

44.4119, 28.4889,
10.8255

92.8771, 98.8798,
108.7983

■ 41.9300, 24.7430,
6.2437

■ 40.3035, 22.2254,
3.4346

■ 39.4116, 20.7790,
2.0972

■ 39.2843, 20.5744,
1.9007

Harmonies

Analogous

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



65.8950, 58.1329, 64.6374



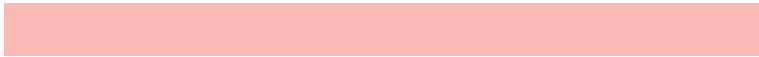
64.6541, 58.1329, 50.9932



60.8465, 58.1329, 42.0544

Triad

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



64.6541, 58.1329, 50.9932



47.2289, 58.1329, 49.0229



54.7901, 58.1329, 96.5605

Complementary

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



64.6541, 58.1329, 50.9932



68.2711, 81.2419, 101.7058

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.



50.0144, 58.1329, 90.7045



64.6541, 58.1329, 50.9932



45.8243, 58.1329, 61.9750

Square

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



64.6541, 58.1329, 50.9932



50.7715, 58.1329, 41.0489



46.8115, 58.1329, 77.4356



59.9920, 58.1329, 92.4071

Rectangle

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



64.6541, 58.1329, 50.9932



57.4811, 58.1329, 39.1948



46.8115, 58.1329, 77.4356



53.0844, 58.1329, 95.6789

Sweetspot

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



64.6557, 58.1356, 50.9944



86.1960, 87.2718, 90.5967



71.7786, 59.3389, 93.5775



18.1152, 18.1985, 18.7022



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.



64.6557, 58.1356, 50.9944



64.2894, 55.6205, 45.8006



72.6633, 74.1508, 53.6636



17.3457, 17.4273, 17.9120



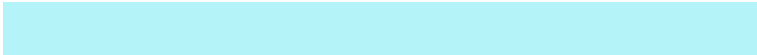
21.0648, 11.0862, 1.0296



1.9850, 1.0948, 0.1067

Inverse Universe

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



68.2711, 81.2419, 101.7058



68.6556, 83.5485, 107.1157



58.9438, 62.5874, 98.5967



17.6517, 19.3803, 22.1957



24.4853, 34.3262, 53.3087



2.2990, 3.2418, 4.9477

Previews

White Background



This preview shows how the XYZ color 64.6541, 58.1329, 50.9932 looks on a white background.

Color Contrast Check

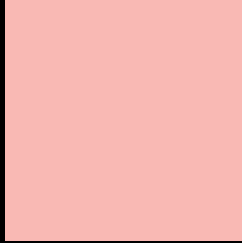
Large Text (above 18pt) WCAG AA × Fail

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 64.6541, 58.1329, 50.9932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

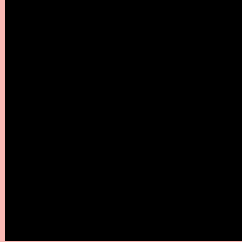
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.6541, 58.1329, 50.9932

Background



This preview shows how black text looks on a background with the XYZ color 64.6541, 58.1329, 50.9932.



This preview shows how white text looks on a background with the XYZ color 64.6541, 58.1329,

50.9932.

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

64.6541, 58.1329, 50.9932

Protanopia

55.7438, 58.3493, 55.9015

Deuteranopia

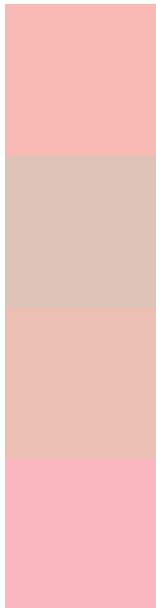
59.6408, 58.4559, 50.2592



Tritanopia

66.4754, 57.9506, 59.9065

Trichromacy



Original Color

64.6541, 58.1329, 50.9932

Protanomaly

58.7035, 58.2210, 54.0427

Deuteranomaly

61.3596, 58.3491, 50.6763

Tritanomaly

65.6521, 57.9087, 56.4324

Monochromacy



Original Color

64.6541, 58.1329, 50.9932

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

59.3318, 59.0883, 59.9078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6541, 58.1329, 50.9932 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(249, 185, 180) looks like.

```
.text, #text, p{  
    color:rgb(249, 185, 180)  
}
```

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(249, 185, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 185, 180) }
```

Border

The CSS property to change the border of an element to XYZ 64.6541, 58.1329, 50.9932 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(249, 185, 180) }
```


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

```
.border{ border-color:rgb(249, 185, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 185, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 185, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 185, 180);  
box-shadow:4px 4px 4px 4px rgb(249, 185,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6541, 58.1329, 50.9932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 185, 180) }
```

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

```
.background{ background-color: rgb(249,  
185, 180) }
```

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