

Converting Colors

XYZ(65.2289, 60.6233, 60.5318)

Have a look what the booklet for
XYZ(65.2289, 60.6233, 60.5318)
contains.

XYZ(65.3094, 60.8262, 60.5230)	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(65.3094, 60.8262,
60.5230)**

Conversions

Conversions Part 1

Format	Color
Hex	F1C1C4
RGB	241, 193, 196
RGB Percent	95%, 76%, 77%
CMY	0.0549, 0.2431, 0.2314
CMYK	0.00, 0.20, 0.19, 0.05
HSL	356°, 63%, 85%
HSV	356°, 20%, 95%
XYZ	65.3094, 60.8262, 60.5230
YIQ	207.6940, 27.6450, 11.1090

Conversions

Conversions Part 2

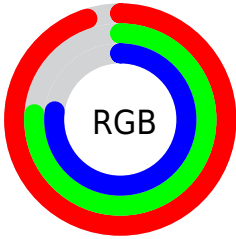
Format	Color
R _Y B	241, 193, 196
Decimal	15843780
CIE Lab	82.29, 17.57, 5.01
CIE LCh	82, 18.272, 15.926
Yxy	60.8262, 0.3499, 0.3259
Android (android.graphics.Color)	4294033860 (0xFFFF1C1C4)
YUV	207.6940, -5.7651, 29.2094
Hunter-Lab	77.9912, 12.9905, 8.5833

Details

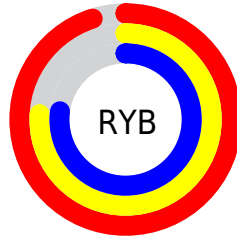
The XYZ color **65.3094, 60.8262, 60.5230** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.8827, 80.4226, 92.7855**, and the grayscale version is **59.7811, 62.8943, 68.4919**.

A 20% lighter version of the original color is **93.1552, 96.7231, 106.6881**, and **33.8823, 30.6086, 29.7134** is the 20% darker color. If you saturate the color by 10%, you get **58.0284, 50.0746, 46.3481**, and if you desaturate by 10%, it is **73.8492, 73.4745, 77.0299**.

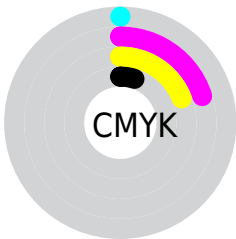
Distribution



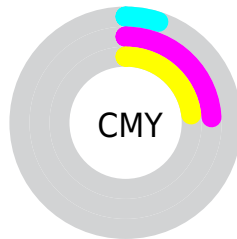
- Red (95%)
- Green (76%)
- Blue (77%)



- Red (95%)
- Yellow (76%)
- Blue (77%)



- Cyan (0%)
- Magenta (20%)
- Yellow (19%)
- Black (5%)





- Cyan (5%)
- Magenta (24%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.3094, 60.8262, 60.5230 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 65.3094, 60.8262, 60.5230 by changing the saturation by 10% instead.


 65.3094, 60.8262,
60.5230

 65.3094, 60.8262,
60.5230


433.4306,
427.6365, 444.3809

 47.9776, 44.0849,
43.4123


 111.5578,
106.0272, 107.1388

 34.0204, 30.7373,
29.8749


141.2051,
135.2558, 137.4809

 23.0722, 20.3989,
19.4924


175.6884,
169.4156, 173.0705

 14.7678, 12.6853,
11.8462

215.3729,
208.8910, 214.3263

 8.7418, 7.2122,
6.5178

260.6240,
254.0663, 261.6666

 4.6289, 3.5952,
3.0886

311.8071,

 2.0637, 1.4498,

305.3261, 315.5102

1.1400

369.2875,
363.0547, 376.2754

■ 0.6694, 0.2530,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.3094, 60.8262,
60.5230

■ 65.3094, 60.8262,
60.5230

■ 58.0284, 50.0746,
46.3481

■ 73.8492, 73.4745,
77.0299

■ 51.9421, 41.1205,
34.3966

■ 83.6982, 88.0959,
95.9632

■ 46.9879, 33.8683,
24.5566

■ 90.0859, 97.4409,
108.6677

■ 43.0959, 28.2102,
16.7054

■ 40.1882, 24.0261,
10.7074

■ 38.1764, 21.1789,
6.4101

■ 36.9560, 19.5057,
3.6366

■ 36.3660, 18.7405,
2.1613

■ 36.3624, 18.7355,
2.1533

Harmonies

Analogous

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



65.3773, 60.8262, 71.5769



65.3094, 60.8262, 60.5230



63.1745, 60.8262, 51.9992

Triad

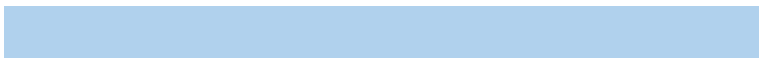
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.3094, 60.8262, 60.5230



52.6039, 60.8262, 52.4170



56.0134, 60.8262, 89.2593

Complementary

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



65.3094, 60.8262, 60.5230



68.8827, 80.4226, 92.7855

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.



52.7646, 60.8262, 82.8443



65.3094, 60.8262, 60.5230



50.8568, 60.8262, 61.1551

Square

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



65.3094, 60.8262, 60.5230



55.7850, 60.8262, 47.6902



50.9143, 60.8262, 72.2836



59.8905, 60.8262, 89.0408

Rectangle

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



65.3094, 60.8262, 60.5230



60.9189, 60.8262, 48.5315



50.9143, 60.8262, 72.2836



54.8154, 60.8262, 87.7786

Sweetspot

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



65.3111, 60.8290, 60.5243



88.1375, 89.7340, 95.6241



70.1417, 62.6361, 91.6128



18.7111, 18.9783, 20.1714



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.



65.3111, 60.8290, 60.5243



70.6365, 63.8143, 61.7909



69.8990, 70.5452, 60.3880



15.8128, 15.7748, 16.5704



19.7346, 10.1663, 1.2529



1.6557, 0.8513, 0.1776

Inverse Universe

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



65.3111, 60.8290, 60.5243



70.6365, 63.8143, 61.7909



63.5176, 68.9821, 93.1868



15.8128, 15.7748, 16.5704



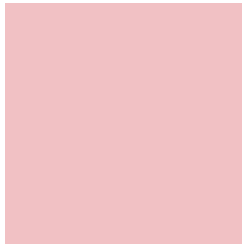
19.7346, 10.1663, 1.2529



1.6557, 0.8513, 0.1776

Previews

White Background



This preview shows how the XYZ color 65.3094, 60.8262, 60.5230 looks on a white background.

Color Contrast Check

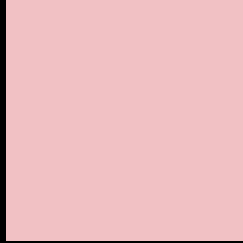
Large Text (above 18pt) WCAG AA × Fail

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 65.3094, 60.8262, 60.5230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

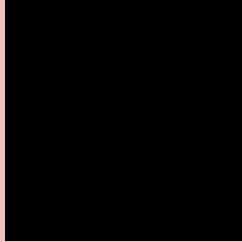
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.3094, 60.8262, 60.5230

Background



This preview shows how black text looks on a background with the XYZ color 65.3094, 60.8262, 60.5230.



This preview shows how white text looks on a background with the XYZ color 65.3094, 60.8262,

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

65.3094, 60.8262, 60.5230

Protanopia

58.5480, 61.0053, 64.5665

Deuteranopia

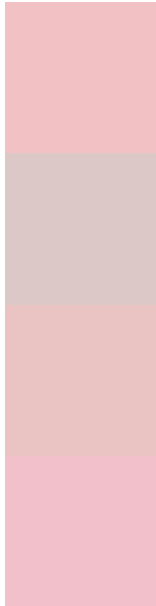
62.0393, 60.8223, 60.0998



Tritanopia

66.3893, 60.5951, 66.5894

Trichromacy



Original Color

65.3094, 60.8262, 60.5230

Protanomaly

60.8984, 60.8508, 63.1793

Deuteranomaly

63.1945, 60.7436, 60.0237

Tritanomaly

66.1283, 60.8408, 64.1352

Monochromacy



Original Color

65.3094, 60.8262, 60.5230

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.7702, 62.2871, 65.8937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3094, 60.8262, 60.5230 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(241, 193, 196)` looks like.

```
.text, #text, p{  
    color:rgb(241, 193, 196)  
}
```

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(241, 193, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 193, 196) }
```

Border

The CSS property to change the border of an element to XYZ 65.3094, 60.8262, 60.5230 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(241, 193, 196) }
```


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

```
.border{ border-color:rgb(241, 193, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 193, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 193, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 193, 196); box-shadow:4px 4px 4px 4px rgb(241, 193, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3094, 60.8262, 60.5230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 193, 196) }
```

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

```
.background{ background-color: rgb(241,  
193, 196) }
```

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