

Converting Colors

XYZ(65.7195, 60.4710, 41.9265)

Have a look what the booklet for
XYZ(65.7195, 60.4710, 41.9265)
contains.

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Color

**XYZ(65.7195, 60.4710,
41.9265)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--|
| Hex | <code>FEBEA1</code> |
| RGB | <code>254, 190, 161</code> |
| RGB Percent | <code>100%, 75%, 63%</code> |
| CMY | <code>0.0039, 0.2549, 0.3686</code> |
| CMYK | <code>0.00, 0.25, 0.37, 0.00</code> |
| HSL | <code>19°, 98%, 81%</code> |
| HSV | <code>19°, 37%, 100%</code> |
| XYZ | <code>65.7195, 60.4710, 41.9265</code> |
| YIQ | <code>205.8300, 47.4530, 4.5490</code> |

Conversions

Conversions Part 2

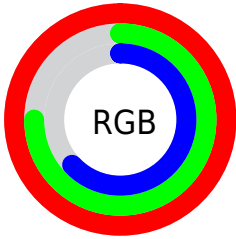
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 254, 203, 161 |
| Decimal | 16694945 |
| CIELab | 82.09, 19.32, 23.62 |
| CIELCh | 82, 30.517, 50.725 |
| Yxy | 60.4710, 0.3909, 0.3597 |
| Android (android.graphics.Color) | 4294885025 (0xFFFEBEA1) |
| YUV | 205.8300, -22.1012, 42.2451 |
| Hunter-Lab | 77.7631, 14.7693, 22.4676 |

Details

The XYZ color **65.7195, 60.4710, 41.9265** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.5114, 68.5805, 103.8666**, and the grayscale version is **58.6745, 61.7301, 67.2241**.

A 20% lighter version of the original color is **86.5904, 92.1294, 78.1847**, and **34.3294, 30.4482, 18.5357** is the 20% darker color. If you saturate the color by 10%, you get **60.1420, 52.5438, 30.1165**, and if you desaturate by 10%, it is **72.2091, 69.4940, 56.2864**.

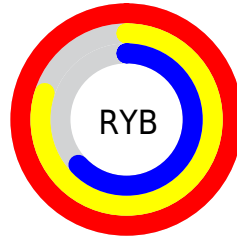
Distribution



Red (100%)

Green (75%)

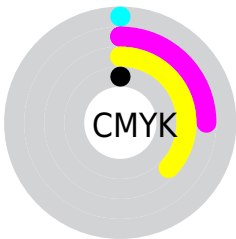
Blue (63%)



Red (100%)

Yellow (80%)

Blue (63%)

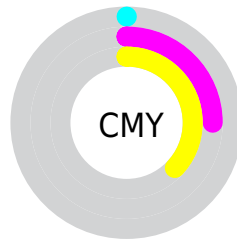


Cyan (0%)

Magenta (25%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.7195, 60.4710, 41.9265 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 65.7195, 60.4710, 41.9265 by changing the saturation by 10% instead.


 65.7195, 60.4710,
41.9265


 65.7195, 60.4710,
41.9265


434.8775,
426.3317, 369.9688

 48.3116, 43.7984,
28.7186


 112.1436,
105.5126, 79.3573

 34.2860, 30.5120,
18.6243


 141.8905,
134.6504, 104.4172

 23.2773, 20.2276,
11.2251


176.4812,
168.7120, 134.2649

 14.9202, 12.5606,
6.1024

216.2809,
208.0819, 169.3189

 8.8494, 7.1267,
2.8376

261.6550,
253.1444, 209.9978

 4.6994, 3.5414,
1.0123

312.9689,

 2.1049, 1.4205,

304.2839, 256.7200

0.0000

370.5880,
361.8849, 309.9042

0.6919, 0.2318,
0.0000

0.0000, 0.0000,
0.0000

65.7195, 60.4710,
41.9265

65.7195, 60.4710,
41.9265

60.1420, 52.5438,
30.1165

72.2091, 69.4940,
56.2864

55.4282, 45.6605,
20.7015

79.6468, 79.6445,
73.3313

51.5321, 39.7781,
13.5150

88.0720, 90.9640,
93.1912

48.4007, 34.8465,
8.3675

94.6830, 99.8108,
108.8828

■ 45.9739, 30.8107,
5.0375

■ 44.1795, 27.6085,
3.2475

■ 43.6848, 26.6945,
2.8501

Harmonies

Analogous

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



69.9189, 60.4710, 54.0180



65.7195, 60.4710, 41.9265



59.5051, 60.4710, 36.5594

Triad

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



65.7195, 60.4710, 41.9265



46.0478, 60.4710, 60.2636



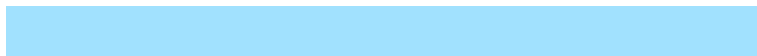
61.9933, 60.4710, 105.1198

Complementary

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



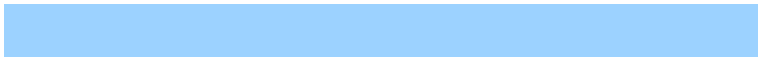
65.7195, 60.4710, 41.9265



59.5114, 68.5805, 103.8666

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.



55.4933, 60.4710, 107.6538



65.7195, 60.4710, 41.9265



46.6043, 60.4710, 79.2780

Square

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



65.7195, 60.4710, 41.9265



48.3703, 60.4710, 45.7592



49.9521, 60.4710, 97.4664



67.6580, 60.4710, 91.0805

Rectangle

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



65.7195, 60.4710, 41.9265



55.1909, 60.4710, 36.6653



49.9521, 60.4710, 97.4664



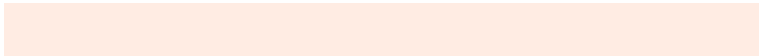
59.8230, 60.4710, 107.4366

Sweetspot

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



65.7211, 60.4739, 41.9277



85.0069, 86.6207, 84.8760



67.3594, 52.0576, 78.5216



17.9485, 18.2092, 17.5860



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.



65.7211, 60.4739, 41.9277



62.0622, 54.9960, 33.2515



77.1292, 83.2901, 45.7304



18.4715, 18.9112, 18.8210



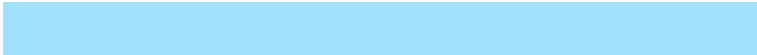
23.1463, 14.3038, 1.5410



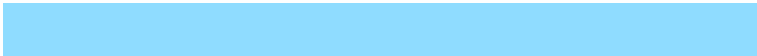
2.3462, 1.5778, 0.1809

Inverse Universe

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



59.5114, 68.5805, 103.8666



54.9379, 64.2314, 104.1101



48.8285, 47.2147, 100.3056



18.0489, 19.4694, 23.0566



17.6288, 20.1672, 52.3981



1.8141, 2.1588, 5.1344

Previews

White Background



This preview shows how the XYZ color 65.7195, 60.4710, 41.9265 looks on a white background.

Color Contrast Check

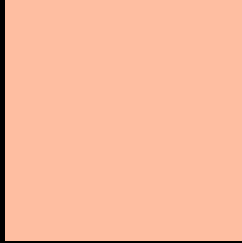
Large Text (above 18pt) WCAG AA × Fail

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 65.7195, 60.4710, 41.9265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

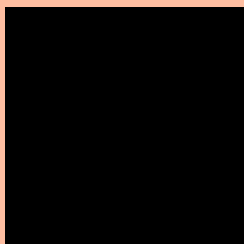
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.7195, 60.4710, 41.9265

Background



This preview shows how black text looks on a background with the XYZ color 65.7195, 60.4710, 41.9265.



This preview shows how white text looks on a background with the XYZ color 65.7195, 60.4710,

41.9265.

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

65.7195, 60.4710, 41.9265

Protanopia

56.9797, 60.6118, 45.7419

Deuteranopia

61.6817, 60.3686, 41.6590



Tritanopia

69.1077, 60.5013, 62.0684

Trichromacy



Original Color

65.7195, 60.4710, 41.9265

Protanomaly

59.8481, 60.3865, 44.0987

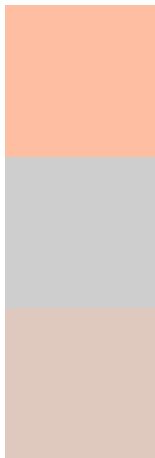
Deuteranomaly

62.9452, 60.3547, 41.5898

Tritanomaly

67.7673, 60.3034, 53.9669

Monochromacy



Original Color

65.7195, 60.4710, 41.9265

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.3800, 60.7142, 57.2519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7195, 60.4710, 41.9265 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(254, 190, 161)` looks like.

```
.text, #text, p{  
    color:rgb(254, 190, 161)  
}
```

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(254, 190, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 190, 161) }
```

Border

The CSS property to change the border of an element to XYZ 65.7195, 60.4710, 41.9265 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(254, 190, 161) }
```


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

```
.border{ border-color:rgb(254, 190, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 190, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 190, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 190, 161);  
box-shadow:4px 4px 4px 4px rgb(254, 190,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7195, 60.4710, 41.9265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 190, 161) }
```

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

```
.background{ background-color: rgb(254,  
190, 161) }
```

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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