

Converting Colors

XYZ(65.7716, 63.4694, 41.5072)

Have a look what the booklet for
XYZ(65.7716, 63.4694, 41.5072)
contains.

XYZ(65.7484, 63.4898, 41.5903)	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(65.7484, 63.4898,
41.5903)**

Conversions

Conversions Part 1

Format	Color
Hex	F9C79F
RGB	249, 199, 159
RGB Percent	98%, 78%, 62%
CMY	0.0235, 0.2196, 0.3765
CMYK	0.00, 0.20, 0.36, 0.02
HSL	27°, 88%, 80%
HSV	27°, 36%, 98%
XYZ	65.7484, 63.4898, 41.5903
YIQ	209.3900, 42.6400, -1.8400

Conversions

Conversions Part 2

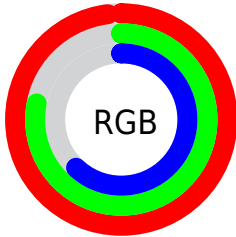
Format	Color
R_{YB}	249, 231, 159
Decimal	16369567
CIE _{Lab}	83.70, 12.46, 26.78
CIE _{LCh}	84, 29.539, 65.048
Yxy	63.4898, 0.3849, 0.3717
Android (android.graphics.Color)	4294559647 (0xFFFF9C79F)
YUV	209.3900, -24.8423, 34.7380
Hunter-Lab	79.6805, 7.8485, 24.8291

Details

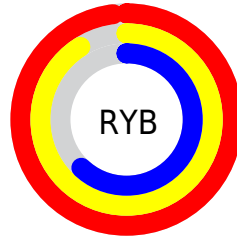
The XYZ color **65.7484, 63.4898, 41.5903** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.1967, 59.8094, 98.3106**, and the grayscale version is **60.9982, 64.1749, 69.8864**.

A 20% lighter version of the original color is **89.1376, 97.6350, 77.7657**, and **34.2651, 32.3887, 18.3556** is the 20% darker color. If you saturate the color by 10%, you get **60.7626, 56.6348, 30.3205**, and if you desaturate by 10%, it is **71.4620, 71.1035, 55.2513**.

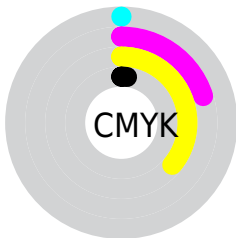
Distribution



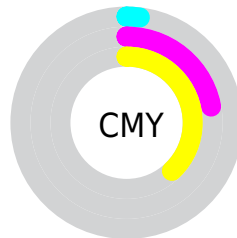
- Red (98%)
- Green (78%)
- Blue (62%)



- Red (98%)
- Yellow (91%)
- Blue (62%)



- Cyan (0%)
- Magenta (20%)
- Yellow (36%)
- Black (2%)





- Cyan (2%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.7484, 63.4898, 41.5903 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 65.7484, 63.4898, 41.5903 by changing the saturation by 10% instead.


 65.7484, 63.4898,
41.5903


 65.7484, 63.4898,
41.5903


434.9794,
437.3449, 368.5312

 48.3351, 46.2376,
28.4575


 112.1849,
109.8758, 78.8426

 34.3047, 32.4333,
18.4287


 141.9388,
139.7784, 103.7991

 23.2918, 21.6927,
11.0856


176.5370,
174.6666, 133.5339

 14.9310, 13.6313,
6.0096

216.3448,
214.9247, 168.4655

 8.8570, 7.8647,
2.7820

261.7276,
260.9372, 209.0125

 4.7044, 4.0085,
0.9844

313.0507,

 2.1078, 1.6783,

313.0885, 255.5934

0.0000

370.6795,
371.7629, 308.6268

0.6935, 0.4095,
0.0000

0.0000, 0.0000,
0.0000

65.7484, 63.4898,
41.5903

65.7484, 63.4898,
41.5903

60.7626, 56.6348,
30.3205

71.4620, 71.1035,
55.2513

56.4659, 50.5036,
21.2971

77.9300, 79.4913,
71.4290

52.8226, 45.0717,
14.3652

85.1835, 88.6793,
90.2446

49.7915, 40.3091,
9.3486

92.6648, 98.4555,
108.7276

47.3253, 36.1827,
6.0412

92.8770, 98.8798,
108.7983

45.3667, 32.6551,
4.1877

44.7167, 31.4392,
3.7115

Harmonies

Analogous

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



71.1167, 63.4898, 50.6168



65.7484, 63.4898, 41.5903



59.2568, 63.4898, 39.3593

Triad

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



65.7484, 63.4898, 41.5903



48.7788, 63.4898, 72.3133



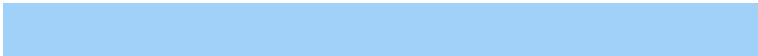
67.7771, 63.4898, 102.6029

Complementary

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



65.7484, 63.4898, 41.5903



54.1967, 59.8094, 98.3106

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.



61.4468, 63.4898, 111.0536



65.7484, 63.4898, 41.5903



50.7202, 63.4898, 91.6818

Square

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



65.7484, 63.4898, 41.5903



49.7512, 63.4898, 55.1588



55.2463, 63.4898, 106.7377



72.3454, 63.4898, 85.2802

Rectangle

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



65.7484, 63.4898, 41.5903



55.2284, 63.4898, 41.6084



55.2463, 63.4898, 106.7377



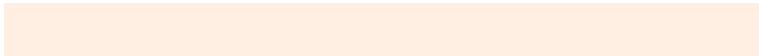
65.7685, 63.4898, 106.7038

Sweetspot

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



65.7500, 63.4928, 41.5916



86.0873, 88.7815, 85.2361



63.0984, 49.5898, 67.2195



18.2051, 18.7225, 17.6716



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.



65.7500, 63.4928, 41.5916



65.6896, 61.9387, 35.4229



77.3758, 86.7444, 45.4669



17.8797, 18.4952, 18.0900



24.0728, 17.1022, 2.0323



2.3334, 1.7917, 0.2228

Inverse Universe

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



54.1967, 59.8094, 98.3106



51.9228, 57.5396, 102.9774



44.8527, 41.1215, 95.1959



17.0827, 18.2422, 22.0060



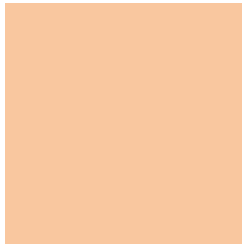
14.1863, 13.7281, 49.8756



1.4196, 1.4829, 4.6546

Previews

White Background



This preview shows how the XYZ color 65.7484, 63.4898, 41.5903 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 65.7484, 63.4898, 41.5903 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 65.7484, 63.4898, 41.5903

Background



This preview shows how black text looks on a background with the XYZ color 65.7484, 63.4898, 41.5903.



This preview shows how white text looks on a background with the XYZ color 65.7484, 63.4898,

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

65.7484, 63.4898, 41.5903

Protanopia

59.8427, 63.9332, 43.8366

Deuteranopia

64.9183, 63.4046, 41.6176



Tritanopia

70.9852, 63.2751, 67.5035

Trichromacy



Original Color

65.7484, 63.4898, 41.5903

Protanomaly

61.6316, 63.4271, 43.1767

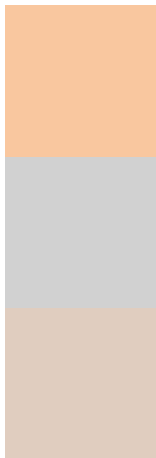
Deuteranomaly

65.2701, 63.5859, 41.6341

Tritanomaly

68.9543, 63.4434, 57.3267

Monochromacy



Original Color

65.7484, 63.4898, 41.5903

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.9758, 63.2715, 58.2364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7484, 63.4898, 41.5903 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, 199, 159)` looks like.

```
.text, #text, p{  
    color:rgb(249, 199, 159)  
}
```

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, 199, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 199, 159) }
```

Border

The CSS property to change the border of an element to XYZ 65.7484, 63.4898, 41.5903 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, 199, 159) }
```


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

```
.border{ border-color:rgb(249, 199, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 199, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 199, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 199, 159);  
box-shadow:4px 4px 4px 4px rgb(249, 199,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7484, 63.4898, 41.5903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 199, 159) }
```

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

```
.background{ background-color: rgb(249,  
199, 159) }
```

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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