

Converting Colors

XYZ(67.4957, 65.1170, 41.8296)

Have a look what the booklet for
XYZ(67.4957, 65.1170, 41.8296)
contains.

| | |
|--|----|
| XYZ(67.2895, 64.9719, 41.7952) | 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(67.2895, 64.9719,
41.7952)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FCC99F |
| RGB | 252, 201, 159 |
| RGB Percent | 99%, 79%, 62% |
| CMY | 0.0118, 0.2117, 0.3765 |
| CMYK | 0.00, 0.20, 0.37, 0.01 |
| HSL | 27°, 94%, 81% |
| HSV | 27°, 37%, 99% |
| XYZ | 67.2895, 64.9719, 41.7952 |
| YIQ | 211.4610, 43.8780, -2.2500 |

Conversions

Conversions Part 2

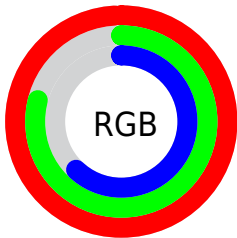
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 252, 236, 159 |
| Decimal | 16566687 |
| CIE _{Lab} | 84.47, 12.57, 27.87 |
| CIE _{LCh} | 84, 30.576, 65.722 |
| Yxy | 64.9719, 0.3866, 0.3733 |
| Android (android.graphics.Color) | 4294756767 (0xFFFC99F) |
| YUV | 211.4610, -25.8633, 35.5527 |
| Hunter-Lab | 80.6051, 7.9535, 25.6807 |

Details

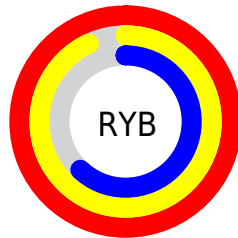
The XYZ color **67.2895, 64.9719, 41.7952** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.9146, 60.4903, 100.8769**, and the grayscale version is **62.3687, 65.6167, 71.4566**.

A 20% lighter version of the original color is **89.1376, 97.6350, 77.7657**, and **35.3357, 33.3983, 18.4940** is the 20% darker color. If you saturate the color by 10%, you get **62.2445, 58.0318, 30.4025**, and if you desaturate by 10%, it is **73.0735, 72.6760, 55.6349**.

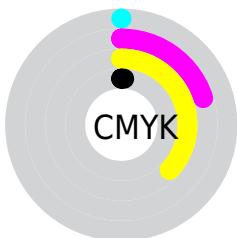
Distribution



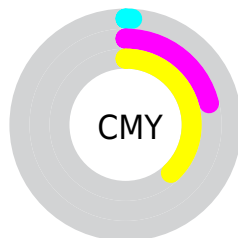
- Red (99%)
- Green (79%)
- Blue (62%)



- Red (99%)
- Yellow (93%)
- Blue (62%)



- Cyan (0%)
- Magenta (20%)
- Yellow (37%)
- Black (1%)





- Cyan (1%)
- Magenta (21%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.2895, 64.9719, 41.7952 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 67.2895, 64.9719, 41.7952 by changing the saturation by 10% instead.


 67.2895, 64.9719,
41.7952


 67.2895, 64.9719,
41.7952


440.3908,
442.6910, 369.4078

 49.5915, 47.4383,
28.6166


 114.3826,
112.0095, 79.1563

 35.3054, 33.3823,
18.5479


 144.5085,
142.2822, 104.1759

 24.0658, 22.4195,
11.1706


179.5077,
177.5701, 133.9796

 15.5075, 14.1654,
6.0661

219.7455,
218.2576, 168.9858

 9.2649, 8.2358,
2.8159

265.5874,
264.7290, 209.6133

 4.9729, 4.2462,
1.0014

317.3987,

 2.2660, 1.8122,

317.3688, 256.2804

0.0000

375.5447,
376.5613, 309.4057

■ 0.7772, 0.4948,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.2895, 64.9719,
41.7952

■ 67.2895, 64.9719,
41.7952

■ 62.2445, 58.0318,
30.4025

■ 73.0735, 72.6760,
55.6349

■ 57.8985, 51.8205,
21.3066

■ 79.6237, 81.1596,
72.0515

■ 54.2152, 46.3130,
14.3470

■ 86.9720, 90.4491,
91.1705

■ 51.1518, 41.4791,
9.3402

■ 93.9549, 99.4354,
108.8487

■ 48.6594, 37.2853,
6.0711

■ 46.6777, 33.6927,
4.2672

■ 46.1420, 32.6897,
3.8778

Harmonies

Analogous

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



72.9934, 64.9719, 51.0482



67.2895, 64.9719, 41.7952



60.4588, 64.9719, 39.6325

Triad

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



67.2895, 64.9719, 41.7952



49.6317, 64.9719, 74.5447



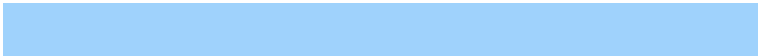
69.7100, 64.9719, 105.7224

Complementary

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



67.2895, 64.9719, 41.7952



54.9146, 60.4903, 100.8769

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.



63.0673, 64.9719, 114.9471



67.2895, 64.9719, 41.7952



51.7317, 64.9719, 94.9466

Square

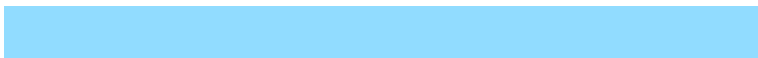
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.2895, 64.9719, 41.7952



50.5813, 64.9719, 56.4318



56.5304, 64.9719, 110.6803



74.4612, 64.9719, 87.2905

Rectangle

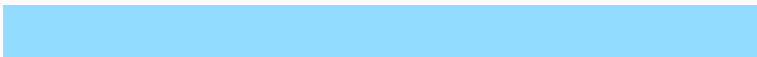
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.2895, 64.9719, 41.7952



56.2491, 64.9719, 42.0769



56.5304, 64.9719, 110.6803



67.6065, 64.9719, 110.1432

Sweetspot

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



67.2912, 64.9750, 41.7965



86.1464, 88.8996, 85.2558



64.1950, 50.1530, 67.3684



18.2192, 18.7505, 17.6762



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.



67.2912, 64.9750, 41.7965



65.3585, 61.5885, 34.3502



79.7709, 89.9345, 45.9564



17.8902, 18.5163, 18.0935



24.1786, 17.3138, 2.0675



2.3436, 1.8121, 0.2262

Inverse Universe

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



54.9146, 60.4903, 100.8769



51.0127, 56.3810, 102.8017



45.0823, 40.8258, 97.5995



17.0720, 18.2208, 22.0025



14.0499, 13.4553, 49.8302



1.4072, 1.4580, 4.6504

Previews

White Background



This preview shows how the XYZ color 67.2895, 64.9719, 41.7952 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 67.2895, 64.9719, 41.7952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

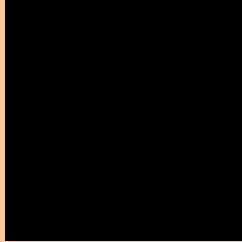
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.2895, 64.9719, 41.7952

Background



This preview shows how black text looks on a background with the XYZ color 67.2895, 64.9719, 41.7952.



This preview shows how white text looks on a background with the XYZ color 67.2895, 64.9719,

41.7952.

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

67.2895, 64.9719, 41.7952

Protanopia

60.9565, 65.2404, 44.0302

Deuteranopia

66.4455, 64.8840, 41.8227



Tritanopia

72.2637, 64.8937, 69.0386

Trichromacy



Original Color

67.2895, 64.9719, 41.7952

Protanomaly

63.0954, 64.8964, 43.3832

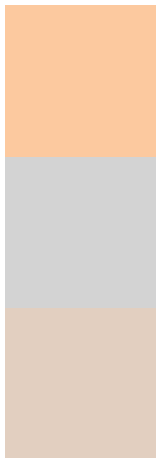
Deuteranomaly

66.8029, 65.0683, 41.8394

Tritanomaly

70.2433, 64.7649, 58.0889

Monochromacy



Original Color

67.2895, 64.9719, 41.7952

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

63.1913, 64.6002, 59.0077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2895, 64.9719, 41.7952 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(252, 201, 159)` looks like.

```
.text, #text, p{  
    color:rgb(252, 201, 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(252, 201, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 201, 159) }
```

Border

The CSS property to change the border of an element to XYZ 67.2895, 64.9719, 41.7952 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(252, 201, 159) }
```


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

```
.border{ border-color:rgb(252, 201, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 201, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 201, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 201, 159); box-shadow:4px 4px 4px 4px rgb(252, 201, 159) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2895, 64.9719, 41.7952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 201, 159) }
```

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

```
.background{ background-color: rgb(252,  
201, 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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