

Converting Colors

XYZ(65.7004, 66.5945, 43.5944)

Have a look what the booklet for
XYZ(65.7004, 66.5945, 43.5944)
contains.

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Color

**XYZ(65.6954, 66.5976,
43.5745)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D0A2
RGB	242, 208, 162
RGB Percent	95%, 82%, 64%
CMY	0.0510, 0.1843, 0.3647
CMYK	0.00, 0.14, 0.33, 0.05
HSL	35°, 75%, 79%
HSV	35°, 33%, 95%
XYZ	65.6954, 66.5976, 43.5745
YIQ	212.9220, 35.0300, -7.0980

Conversions

Conversions Part 2

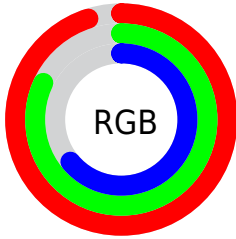
Format	Color
RYB	221, 242, 162
Decimal	15913122
CIELab	85.30, 5.44, 27.27
CIElCh	85, 27.808, 78.714
Yxy	66.5976, 0.3736, 0.3787
Android (android.graphics.Color)	4294103202 (0xFFFF2D0A2)
YUV	212.9220, -25.1045, 25.5014
Hunter-Lab	81.6074, 0.8829, 25.4671

Details

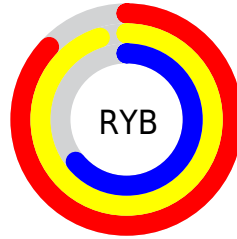
The XYZ color **65.6954, 66.5976, 43.5745** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.6667, 53.5704, 91.6742**, and the grayscale version is **63.3413, 66.6399, 72.5709**.

A 20% lighter version of the original color is **89.5244, 97.7898, 79.8025**, and **34.3777, 34.5513, 19.6090** is the 20% darker color. If you saturate the color by 10%, you get **61.3218, 60.9680, 32.5056**, and if you desaturate by 10%, it is **70.6489, 72.7241, 56.8805**.

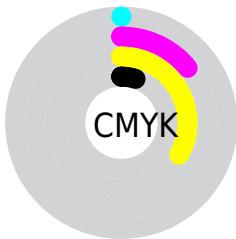
Distribution



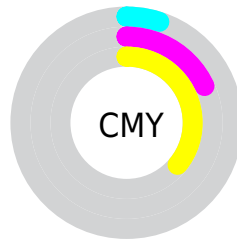
- Red (95%)
- Green (82%)
- Blue (64%)



- Red (87%)
- Yellow (95%)
- Blue (64%)



- Cyan (0%)
- Magenta (14%)
- Yellow (33%)
- Black (5%)





- Cyan (5%)
- Magenta (18%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.6954, 66.5976, 43.5745 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 65.6954, 66.5976, 43.5745 by changing the saturation by 10% instead.


 65.6954, 66.5976,
43.5745


 65.6954, 66.5976,
43.5745


434.7926,
448.5111, 376.9595

 48.2920, 48.7577,
30.0014


 112.1092,
114.3436, 81.8727

 34.2704, 34.4273,
19.5876


 141.8503,
145.0185, 107.4349

 23.2653, 23.2221,
11.9145


176.4346,
180.7405, 137.8306

 14.9113, 14.7576,
6.5637

216.2275,
221.8940, 173.4782

 8.8430, 8.6494,
3.1165

261.5945,
268.8635, 214.7964

 4.6952, 4.5132,
1.1544

312.9007,

 2.1025, 1.9646,

322.0332, 262.2036

0.0000

370.5116,
381.7876, 316.1185

■ 0.6906, 0.5868,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.6954, 66.5976,
43.5745

■ 65.6954, 66.5976,
43.5745

■ 61.3218, 60.9680,
32.5056

■ 70.6489, 72.7241,
56.8805

■ 57.4963, 55.8104,
23.5431

■ 76.2023, 79.3530,
72.5360

■ 54.1910, 51.1112,
16.5492

■ 82.3804, 86.5014,
90.6505

■ 51.3733, 46.8519,
11.3674

■ 88.5869, 93.9351,
108.0700

■ 49.0058, 43.0124,
7.8173

■ 90.4280, 97.6173,
108.6837

■ 47.0437, 39.5692,
5.6804

■ 45.8747, 37.3906,
4.7992

Harmonies

Analogous

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



71.6188, 66.5976, 49.4765



65.6954, 66.5976, 43.5745



59.4974, 66.5976, 44.4069

Triad

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



65.6954, 66.5976, 43.5745



52.5215, 66.5976, 84.2039



72.8286, 66.5976, 97.8517

Complementary

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



65.6954, 66.5976, 43.5745



50.6667, 53.5704, 91.6742

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.



67.2592, 66.5976, 110.5139



65.6954, 66.5976, 43.5745



55.6499, 66.5976, 101.7781

Square

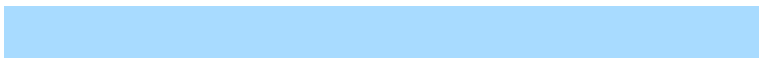
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.6954, 66.5976, 43.5745



52.1642, 66.5976, 65.9442



60.9616, 66.5976, 112.0593



75.9153, 66.5976, 79.5051

Rectangle

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



65.6954, 66.5976, 43.5745



56.0323, 66.5976, 48.7063



60.9616, 66.5976, 112.0593



71.1683, 66.5976, 103.0356

Sweetspot

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



65.6971, 66.6007, 43.5759



87.8529, 91.7453, 87.5736



59.5787, 48.7346, 58.8905



18.6000, 19.3992, 18.1518



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.



65.6971, 66.6007, 43.5759



70.4475, 70.4754, 40.0271



73.0879, 84.0603, 46.5564



16.5276, 17.2683, 16.6117



24.7825, 20.3631, 2.6243



2.1601, 1.8908, 0.2511

Inverse Universe

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



50.6667, 53.5704, 91.6742



51.0043, 53.6272, 102.2706



44.9549, 40.5041, 89.4532



15.4494, 16.3330, 20.0599



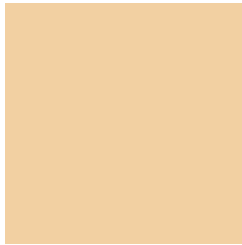
11.3355, 8.8953, 46.2474



1.0396, 0.9331, 3.8795

Previews

White Background



This preview shows how the XYZ color 65.6954, 66.5976, 43.5745 looks on a white background.

Color Contrast Check

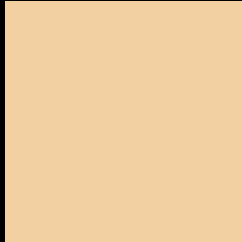
Large Text (above 18pt) WCAG AA × Fail

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 65.6954, 66.5976, 43.5745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

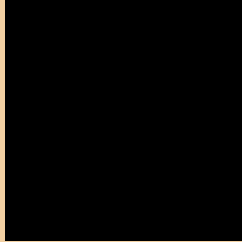
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.6954, 66.5976, 43.5745

Background



This preview shows how black text looks on a background with the XYZ color 65.6954, 66.5976, 43.5745.



This preview shows how white text looks on a background with the XYZ color 65.6954, 66.5976,

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

65.6954, 66.5976, 43.5745

Protanopia

62.4900, 66.7628, 44.7149

Deuteranopia

68.2258, 66.8162, 43.9513



Tritanopia

71.9927, 66.6876, 74.0433

Trichromacy



Original Color

65.6954, 66.5976, 43.5745

Protanomaly

63.5094, 66.5565, 44.1497

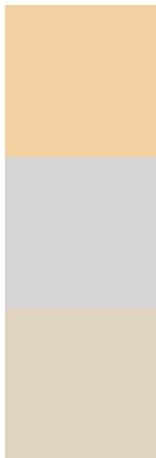
Deuteranomaly

67.3936, 66.7434, 43.9811

Tritanomaly

69.5627, 66.7641, 61.4450

Monochromacy



Original Color

65.6954, 66.5976, 43.5745

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.7723, 66.3309, 60.4809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6954, 66.5976, 43.5745 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(242, 208, 162)` looks like.

```
.text, #text, p{  
    color:rgb(242, 208, 162)  
}
```

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(242, 208, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 208, 162) }
```

Border

The CSS property to change the border of an element to XYZ 65.6954, 66.5976, 43.5745 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(242, 208, 162) }
```


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

```
.border{ border-color:rgb(242, 208, 162) }
```

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

Here you see how a box with a 4 pixel rgb(242, 208, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 208, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 208, 162);  
box-shadow:4px 4px 4px 4px rgb(242, 208,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6954, 66.5976, 43.5745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 208, 162) }
```

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

```
.background{ background-color: rgb(242,  
208, 162) }
```

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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