

Converting Colors

XYZ(65.2596, 66.4233, 41.2797)

Have a look what the booklet for
XYZ(65.2596, 66.4233, 41.2797)
contains.

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Color

**XYZ(65.2596, 66.4233,
41.2797)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D09D
RGB	242, 208, 157
RGB Percent	95%, 82%, 62%
CMY	0.0510, 0.1843, 0.3843
CMYK	0.00, 0.14, 0.35, 0.05
HSL	36°, 77%, 78%
HSV	36°, 35%, 95%
XYZ	65.2596, 66.4233, 41.2797
YIQ	212.3520, 36.6350, -8.6530

Conversions

Conversions Part 2

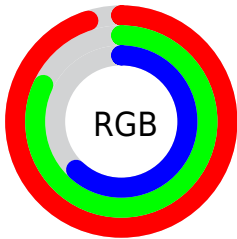
Format	Color
R_{YB}	214, 242, 157
Decimal	15913117
CIE _{Lab}	85.21, 4.84, 29.75
CIE _{LCh}	85, 30.144, 80.754
Yxy	66.4233, 0.3773, 0.3840
Android (android.graphics.Color)	4294103197 (0xFFFF2D09D)
YUV	212.3520, -27.2885, 26.0013
Hunter-Lab	81.5005, 0.3038, 27.0202

Details

The XYZ color **65.2596, 66.4233, 41.2797** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.5619, 50.8388, 91.2578**, and the grayscale version is **62.9738, 66.2534, 72.1499**.

A 20% lighter version of the original color is **88.8837, 97.5335, 76.4285**, and **34.1130, 34.4454, 18.2153** is the 20% darker color. If you saturate the color by 10%, you get **61.1070, 61.1034, 30.6920**, and if you desaturate by 10%, it is **69.9689, 72.2011, 54.0732**.

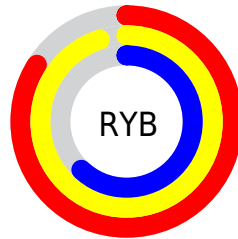
Distribution



Red (95%)

Green (82%)

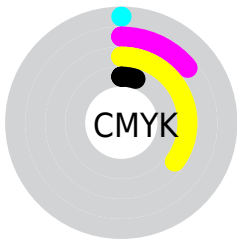
Blue (62%)



Red (84%)

Yellow (95%)

Blue (62%)

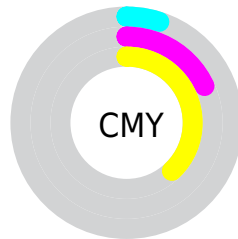


Cyan (0%)

Magenta (14%)

Yellow (35%)

Black (5%)



Cyan (5%)


Magenta (18%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.2596, 66.4233, 41.2797 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 65.2596, 66.4233, 41.2797 by changing the saturation by 10% instead.


 65.2596, 66.4233,
41.2797


 65.2596, 66.4233,
41.2797


433.2548,
447.8892, 367.1995

 47.9371, 48.6161,
28.2164


 111.4866,
114.0937, 78.3666

 33.9881, 34.3151,
18.2484


 141.1219,
144.7256, 103.2272

 23.0473, 23.1357,
10.9572


175.5921,
180.4013, 132.8573

 14.7493, 14.6938,
5.9242

215.2626,
221.5051, 167.6755

 8.7288, 8.6047,
2.7310

260.4987,
268.4214, 208.1003

 4.6204, 4.4843,
0.9590

311.6659,

 2.0588, 1.9480,

321.5346, 254.5501

0.0000

369.1295,
381.2291, 307.4437

■ 0.6666, 0.5770,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.2596, 66.4233,
41.2797

■ 65.2596, 66.4233,
41.2797

■ 61.1070, 61.1034,
30.6920

■ 69.9689, 72.2011,
54.0732

■ 57.4791, 56.2173,
22.1774

■ 75.2545, 78.4415,
69.1867

■ 54.3482, 51.7521,
15.5950

■ 81.1412, 85.1605,
86.7311

■ 51.6813, 47.6904,
10.7843

■ 87.6508, 92.3707,
106.8093

■ 49.4404, 44.0126,
7.5587

■ 90.4279, 97.6172,
108.6837

■ 47.5791, 40.6954,
5.6888

■ 46.7763, 39.1939,
5.0998

Harmonies

Analogous

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



71.7800, 66.4233, 47.0080



65.2596, 66.4233, 41.2797



58.6087, 66.4233, 42.6325

Triad

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



65.2596, 66.4233, 41.2797



51.6694, 66.4233, 86.4340



73.8202, 66.4233, 98.7212

Complementary

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



65.2596, 66.4233, 41.2797



48.5619, 50.8388, 91.2578

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.



67.8851, 66.4233, 113.3375



65.2596, 66.4233, 41.2797



55.2105, 66.4233, 105.4051

Square

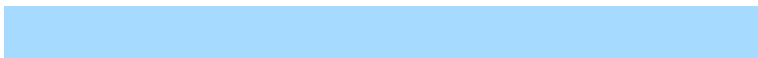
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.2596, 66.4233, 41.2797



51.0775, 66.4233, 66.4670



61.0538, 66.4233, 115.9818



76.9510, 66.4233, 78.5147

Rectangle

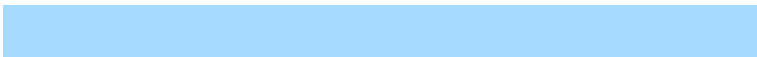
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.2596, 66.4233, 41.2797



54.9698, 66.4233, 47.4851



61.0538, 66.4233, 115.9818



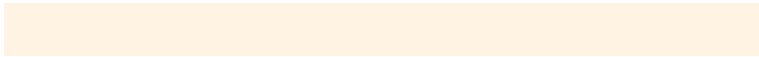
72.0676, 66.4233, 104.5927

Sweetspot

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



65.2613, 66.4264, 41.2811



87.3833, 91.3734, 85.6681



58.0793, 46.7535, 55.2541



18.5139, 19.3400, 17.7745



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.



65.2613, 66.4264, 41.2811



70.1626, 70.5654, 37.8980



71.6059, 83.3466, 44.2126



16.5617, 17.3366, 16.6231



25.2659, 21.3300, 2.7854



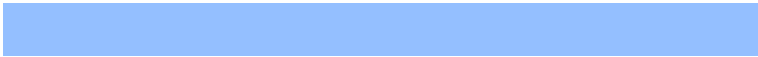
2.1989, 1.9686, 0.2641

Inverse Universe

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



48.5619, 50.8388, 91.2578



48.8173, 50.6519, 101.8116



43.7059, 38.5786, 89.1473



15.4161, 16.2662, 20.0488



11.0206, 8.2655, 46.1424



1.0116, 0.8771, 3.8702

Previews

White Background



This preview shows how the XYZ color 65.2596, 66.4233, 41.2797 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 65.2596, 66.4233, 41.2797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

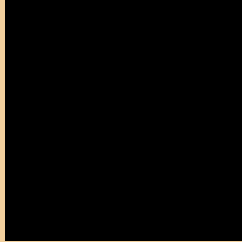
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.2596, 66.4233, 41.2797

Background



This preview shows how black text looks on a background with the XYZ color 65.2596, 66.4233, 41.2797.



This preview shows how white text looks on a background with the XYZ color 65.2596, 66.4233,

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

65.2596, 66.4233, 41.2797

Protanopia

62.0472, 66.5857, 42.3830

Deuteranopia

67.9093, 66.3498, 41.5753



Tritanopia

71.7603, 66.2229, 73.9659

Trichromacy



Original Color

65.2596, 66.4233, 41.2797

Protanomaly

63.0701, 66.3808, 41.8364

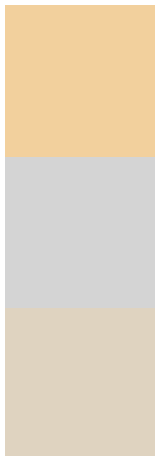
Deuteranomaly

66.7143, 66.0877, 41.5877

Tritanomaly

69.2123, 66.2448, 60.7684

Monochromacy



Original Color

65.2596, 66.4233, 41.2797

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.2401, 66.0823, 59.2912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2596, 66.4233, 41.2797 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, 157)` looks like.

```
.text, #text, p{  
    color:rgb(242, 208, 157)  
}
```

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, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 208, 157) }
```

Border

The CSS property to change the border of an element to XYZ 65.2596, 66.4233, 41.2797 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, 157) }
```


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

```
.border{ border-color:rgb(242, 208, 157) }
```

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, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 208, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 208, 157);  
box-shadow:4px 4px 4px 4px rgb(242, 208,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2596, 66.4233, 41.2797 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, 157) }
```

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

```
.background{ background-color: rgb(242,  
208, 157) }
```

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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