

Converting Colors

XYZ(65.1823, 65.7423, 42.4590)

Have a look what the booklet for
XYZ(65.1823, 65.7423, 42.4590)
contains.

XYZ(65.0344, 65.5579, 42.4840)	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(65.0344, 65.5579,
42.4840)**

Conversions

Conversions Part 1

Format	Color
Hex	F2CEA0
RGB	242, 206, 160
RGB Percent	95%, 81%, 63%
CMY	0.0510, 0.1921, 0.3725
CMYK	0.00, 0.15, 0.34, 0.05
HSL	34°, 76%, 79%
HSV	34°, 34%, 95%
XYZ	65.0344, 65.5579, 42.4840
YIQ	211.5200, 36.2220, -6.6740

Conversions

Conversions Part 2

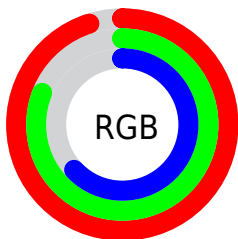
Format	Color
R_{YB}	224, 242, 160
Decimal	15912608
CIE _{Lab}	84.77, 6.24, 27.60
CIE _{LCh}	85, 28.293, 77.262
Yxy	65.5579, 0.3758, 0.3788
Android (android.graphics.Color)	4294102688 (0xFFFF2CEA0)
YUV	211.5200, -25.3994, 26.7310
Hunter-Lab	80.9678, 1.6798, 25.5679

Details

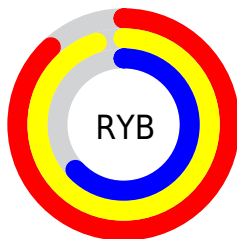
The XYZ color **65.0344, 65.5579, 42.4840** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.2636, 53.3626, 91.6553**, and the grayscale version is **62.4084, 65.6585, 71.5021**.

A 20% lighter version of the original color is **89.2657, 97.6863, 78.4405**, and **33.9426, 33.8535, 18.9328** is the 20% darker color. If you saturate the color by 10%, you get **60.6489, 59.8514, 31.5747**, and if you desaturate by 10%, it is **70.0082, 71.7811, 55.6238**.

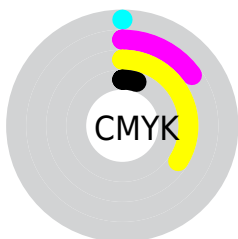
Distribution



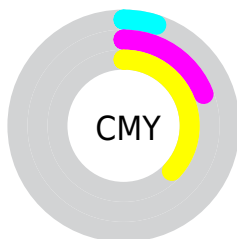
- Red (95%)
- Green (81%)
- Blue (63%)



- Red (88%)
- Yellow (95%)
- Blue (63%)



- Cyan (0%)
- Magenta (15%)
- Yellow (34%)
- Black (5%)





- Cyan (5%)
- Magenta (19%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.0344, 65.5579, 42.4840 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 65.0344, 65.5579, 42.4840 by changing the saturation by 10% instead.


 65.0344, 65.5579,
42.4840


 65.0344, 65.5579,
42.4840


432.4588,
444.7941, 372.3441

 47.7538, 47.9136,
29.1521


 111.1647,
112.8516, 80.2096

 33.8424, 33.7585,
18.9493


 140.7452,
143.2697, 105.4403

 22.9349, 22.7081,
11.4572


175.1563,
178.7146, 135.4744

 14.6658, 14.3781,
6.2572

214.7633,
219.5707, 170.7304

 8.6700, 8.3841,
2.9308

259.9318,
266.2222, 211.6268

 4.5819, 4.3417,
1.0594

311.0270,

 2.0363, 1.8665,

319.0537, 258.5822

0.0000

368.4142,
378.4496, 312.0151

■ 0.6542, 0.5281,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.0344, 65.5579,
42.4840

■ 65.0344, 65.5579,
42.4840

■ 60.6489, 59.8514,
31.5747

■ 70.0082, 71.7811,
55.6238

■ 56.8194, 54.6360,
22.7644

■ 75.5907, 78.5271,
71.1073

■ 53.5174, 49.8972,
15.9136

■ 81.8072, 85.8138,
89.0450

■ 50.7096, 45.6159,
10.8643

■ 88.3885, 93.5384,
108.0039

■ 48.3577, 41.7708,
7.4335

■ 90.4280, 97.6173,
108.6837

■ 46.4159, 38.3373,
5.3980

■ 45.3900, 36.4213,
4.6377

Harmonies

Analogous

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



70.9450, 65.5579, 48.7102



65.0344, 65.5579, 42.4840



58.7670, 65.5579, 42.9901

Triad

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



65.0344, 65.5579, 42.4840



51.3912, 65.5579, 82.2375



71.6886, 65.5579, 97.7592

Complementary

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



65.0344, 65.5579, 42.4840



50.2636, 53.3626, 91.6553

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.



65.9943, 65.5579, 110.1302



65.0344, 65.5579, 42.4840



54.4072, 65.5579, 100.1793

Square

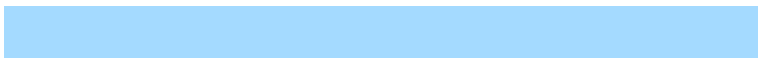
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.0344, 65.5579, 42.4840



51.1727, 65.5579, 63.9650



59.6644, 65.5579, 111.0842



74.9581, 65.5579, 79.3500

Rectangle

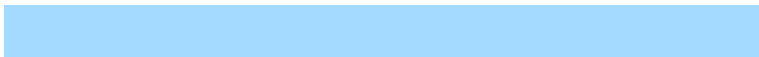
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.0344, 65.5579, 42.4840



55.2254, 65.5579, 47.0690



59.6644, 65.5579, 111.0842



69.9777, 65.5579, 102.8879

Sweetspot

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



65.0361, 65.5609, 42.4853



87.7453, 91.5301, 87.5377



59.2558, 48.0462, 58.9146



18.5740, 19.3471, 18.1431



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.



65.0361, 65.5609, 42.4853



69.6080, 69.1298, 38.7192



73.3239, 84.2023, 45.6467



16.5085, 17.2301, 16.6054



24.5224, 19.8429, 2.5376



2.1389, 1.8486, 0.2441

Inverse Universe

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



50.2636, 53.3626, 91.6553



50.5281, 53.3817, 102.2483



43.9290, 39.4564, 89.3050



15.4682, 16.3705, 20.0662



11.5221, 9.2685, 46.3096



1.0559, 0.9659, 3.8850

Previews

White Background



This preview shows how the XYZ color 65.0344, 65.5579, 42.4840 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 65.0344, 65.5579, 42.4840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

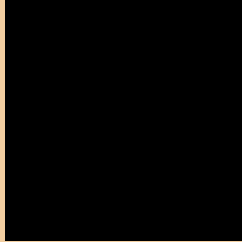
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.0344, 65.5579, 42.4840

Background



This preview shows how black text looks on a background with the XYZ color 65.0344, 65.5579, 42.4840.



This preview shows how white text looks on a background with the XYZ color 65.0344, 65.5579,

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

65.0344, 65.5579, 42.4840

Protanopia

61.4291, 65.8644, 43.6578

Deuteranopia

66.8559, 65.4248, 42.8228



Tritanopia

71.2724, 65.6583, 72.5352

Trichromacy



Original Color

65.0344, 65.5579, 42.4840

Protanomaly

62.7583, 65.8222, 43.1154

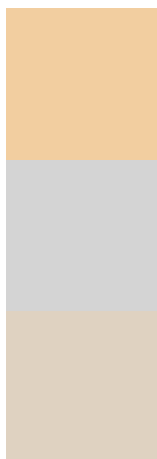
Deuteranomaly

66.0319, 65.3518, 42.8521

Tritanomaly

68.8642, 65.7289, 60.0964

Monochromacy



Original Color

65.0344, 65.5579, 42.4840

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.1037, 65.6314, 59.7943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0344, 65.5579, 42.4840 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, 206, 160)` looks like.

```
.text, #text, p{  
    color:rgb(242, 206, 160)  
}
```

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, 206, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 206, 160) }
```

Border

The CSS property to change the border of an element to XYZ 65.0344, 65.5579, 42.4840 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, 206, 160) }
```


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

```
.border{ border-color:rgb(242, 206, 160) }
```

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

Here you see how a box with a 4 pixel rgb(242, 206, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 206, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 206, 160);  
box-shadow:4px 4px 4px 4px rgb(242, 206,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0344, 65.5579, 42.4840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 206, 160) }
```

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

```
.background{ background-color: rgb(242,  
206, 160) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor