

Converting Colors

XYZ(67.5649, 66.1739, 41.9092)

Have a look what the booklet for
XYZ(67.5649, 66.1739, 41.9092)
contains.

XYZ(67.6345, 66.1982, 42.0137)	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(67.6345, 66.1982,
42.0137)**

Conversions

Conversions Part 1

Format	Color
Hex	FBCC9F
RGB	251, 204, 159
RGB Percent	98%, 80%, 62%
CMY	0.0157, 0.2000, 0.3765
CMYK	0.00, 0.19, 0.37, 0.02
HSL	29°, 92%, 80%
HSV	29°, 37%, 98%
XYZ	67.6345, 66.1982, 42.0137
YIQ	212.9230, 42.4570, -4.0310

Conversions

Conversions Part 2

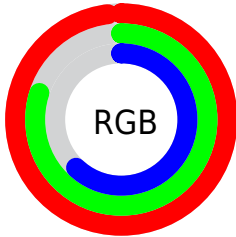
Format	Color
R _Y B	251, 247, 159
Decimal	16501919
CIE Lab	85.10, 10.62, 28.70
CIE LCh	85, 30.605, 69.688
Yxy	66.1982, 0.3846, 0.3765
Android (android.graphics.Color)	4294691999 (0xFFFBCC9F)
YUV	212.9230, -26.5840, 33.3935
Hunter-Lab	81.3623, 5.9988, 26.3375

Details

The XYZ color **67.6345, 66.1982, 42.0137** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.7811, 58.4764, 99.7191**, and the grayscale version is **63.3481, 66.6471, 72.5787**.

A 20% lighter version of the original color is **89.1376, 97.6350, 77.7657**, and **35.5525, 34.2117, 18.6396** is the 20% darker color. If you saturate the color by 10%, you get **62.7511, 59.5702, 30.7092**, and if you desaturate by 10%, it is **73.2145, 73.5111, 55.7336**.

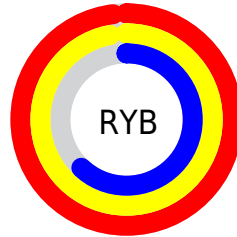
Distribution



Red (98%)

Green (80%)

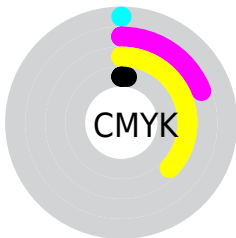
Blue (62%)



Red (98%)

Yellow (97%)

Blue (62%)

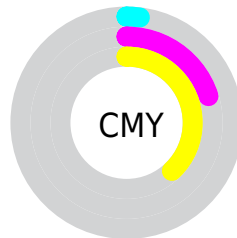


Cyan (0%)

Magenta (19%)

Yellow (37%)

Black (2%)



Cyan (2%)


Magenta (20%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.6345, 66.1982, 42.0137 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 67.6345, 66.1982, 42.0137 by changing the saturation by 10% instead.


 67.6345, 66.1982,
42.0137


 67.6345, 66.1982,
42.0137


441.5970,
447.0854, 370.3411

 49.8730, 48.4333,
28.7864


 114.8739,
113.7708, 79.4907

 35.5299, 34.1702,
18.6751


 145.0825,
144.3472, 104.5774

 24.2398, 23.0244,
11.2613


180.1710,
179.9630, 134.4543

 15.6373, 14.6115,
6.1265

220.5045,
221.0025, 169.5400

 9.3571, 8.5472,
2.8521

266.4485,
267.8501, 210.2530

 5.0338, 4.4470,
1.0196

318.3684,

 2.3021, 1.9266,

320.8901, 257.0118

0.0000

376.6294,
380.5071, 310.2350

■ 0.7957, 0.5643,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.6345, 66.1982,
42.0137

■ 67.6345, 66.1982,
42.0137

■ 62.7511, 59.5702,
30.7092

■ 73.2145, 73.5111,
55.7336

■ 58.5262, 53.5949,
21.6723

■ 79.5165, 81.5211,
71.9969

■ 54.9254, 48.2511,
14.7449

■ 86.5706, 90.2517,
90.9270

■ 51.9084, 43.5122,
9.7466

■ 93.5936, 99.2492,
108.8318

■ 49.4287, 39.3489,
6.4659

■ 47.4292, 35.7268,
4.6374

■ 46.8402, 34.6224,
4.2140

Harmonies

Analogous

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



73.6825, 66.1982, 50.4497



67.6345, 66.1982, 42.0137



60.7148, 66.1982, 40.7568

Triad

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



67.6345, 66.1982, 42.0137



50.7353, 66.1982, 78.6583



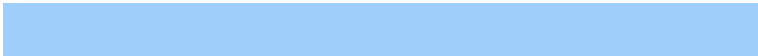
71.7708, 66.1982, 105.4211

Complementary

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



67.6345, 66.1982, 42.0137



53.7811, 58.4764, 99.7191

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.



65.1767, 66.1982, 116.3555



67.6345, 66.1982, 42.0137



53.2591, 66.1982, 99.1447

Square

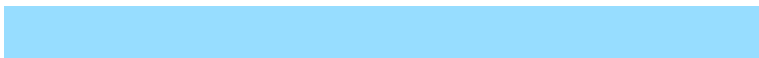
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.6345, 66.1982, 42.0137



51.2877, 66.1982, 59.6858



58.4287, 66.1982, 113.8695



76.1889, 66.1982, 86.0780

Rectangle

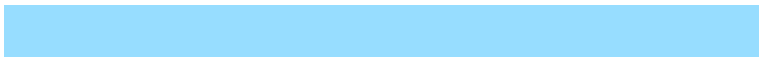
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.6345, 66.1982, 42.0137



56.5793, 66.1982, 43.8705



58.4287, 66.1982, 113.8695



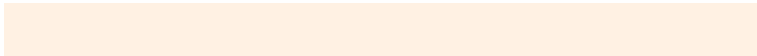
69.7163, 66.1982, 110.3489

Sweetspot

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



67.6362, 66.2013, 42.0150



86.4565, 89.5198, 85.3592



63.3876, 49.7883, 65.0025



18.2930, 18.8982, 17.7008



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.



67.6362, 66.2013, 42.0150



66.3055, 63.4825, 34.6659



80.0618, 91.0526, 46.1569



17.9456, 18.6272, 18.1120



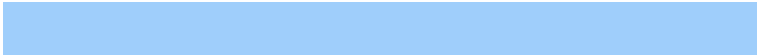
24.7660, 18.4887, 2.2634



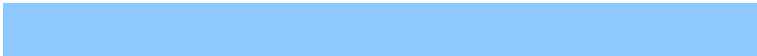
2.3995, 1.9239, 0.2449

Inverse Universe

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



53.7811, 58.4764, 99.7191



50.0235, 54.4025, 102.4720



44.3748, 39.6637, 96.5837



17.0161, 18.1091, 21.9838



13.3713, 12.0981, 49.6040



1.3445, 1.3328, 4.6296

Previews

White Background



This preview shows how the XYZ color 67.6345, 66.1982, 42.0137 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 67.6345, 66.1982, 42.0137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

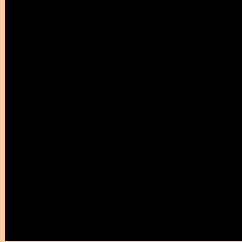
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.6345, 66.1982, 42.0137

Background



This preview shows how black text looks on a background with the XYZ color 67.6345, 66.1982, 42.0137.



This preview shows how white text looks on a background with the XYZ color 67.6345, 66.1982,

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

67.6345, 66.1982, 42.0137

Protanopia

61.8329, 66.0622, 44.1427

Deuteranopia

67.6345, 66.1982, 42.0137



Tritanopia

73.0899, 65.9460, 71.1639

Trichromacy



Original Color

67.6345, 66.1982, 42.0137

Protanomaly

63.9141, 66.0424, 43.5612

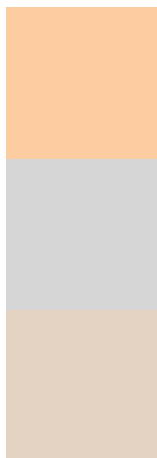
Deuteranomaly

67.6345, 66.1982, 42.0137

Tritanomaly

71.1530, 66.2296, 59.4855

Monochromacy



Original Color

67.6345, 66.1982, 42.0137

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.3508, 66.2743, 59.8527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6345, 66.1982, 42.0137 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(251, 204, 159)` looks like.

```
.text, #text, p{  
    color:rgb(251, 204, 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(251, 204, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 204, 159) }
```

Border

The CSS property to change the border of an element to XYZ 67.6345, 66.1982, 42.0137 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(251, 204, 159) }
```


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

```
.border{ border-color:rgb(251, 204, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 204, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 204, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 204, 159);  
box-shadow:4px 4px 4px 4px rgb(251, 204,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6345, 66.1982, 42.0137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 204, 159) }
```

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

```
.background{ background-color: rgb(251,  
204, 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](#).

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