

Converting Colors

XYZ(67.2252, 69.5044, 50.8312)

Have a look what the booklet for
XYZ(67.2252, 69.5044, 50.8312)
contains.

XYZ(67.1429, 69.4049, 50.9320)	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(67.1429, 69.4049,
50.9320)**

Conversions

Conversions Part 1

Format	Color
Hex	EED6B0
RGB	238, 214, 176
RGB Percent	93%, 84%, 69%
CMY	0.0667, 0.1608, 0.3098
CMYK	0.00, 0.10, 0.26, 0.07
HSL	37°, 65%, 81%
HSV	37°, 26%, 93%
XYZ	67.1429, 69.4049, 50.9320
YIQ	216.8440, 26.5020, -6.7300

Conversions

Conversions Part 2

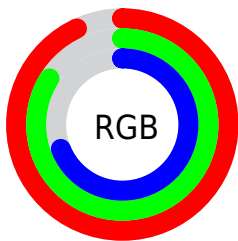
Format	Color
R _Y B	215, 238, 176
Decimal	15652528
CIE Lab	86.70, 2.61, 21.82
CIE LCh	87, 21.979, 83.169
Yxy	69.4049, 0.3581, 0.3702
Android (android.graphics.Color)	4293842608 (0xFFEED6B0)
YUV	216.8440, -20.1361, 18.5538
Hunter-Lab	83.3096, -1.9307, 22.0693

Details

The XYZ color **67.1429, 69.4049, 50.9320** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.9909, 56.7100, 88.9895**, and the grayscale version is **65.9689, 69.4044, 75.5814**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **35.0293, 36.0501, 23.8510** is the 20% darker color. If you saturate the color by 10%, you get **62.7264, 64.0155, 38.8427**, and if you desaturate by 10%, it is **72.1078, 75.2294, 65.2425**.

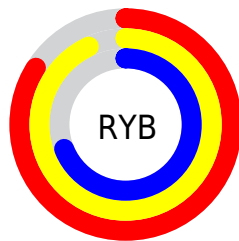
Distribution



Red (93%)

Green (84%)

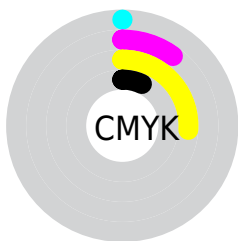
Blue (69%)



Red (84%)

Yellow (93%)

Blue (69%)

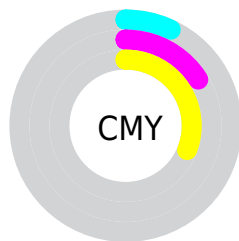


Cyan (0%)

Magenta (10%)

Yellow (26%)

Black (7%)



Cyan (7%)


Magenta (16%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.1429, 69.4049, 50.9320 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 67.1429, 69.4049, 50.9320 by changing the saturation by 10% instead.


 67.1429, 69.4049,
50.9320

 67.1429, 69.4049,
50.9320


439.8777,
458.4577, 407.1385

 49.4719, 51.0415,
35.7781


 114.1738,
118.3597, 92.9647

 35.2100, 36.2417,
23.9746


144.2644,
149.7199, 120.6807

 23.9920, 24.6209,
15.1027

179.2256,
186.1812, 153.4211

 15.4524, 15.7948,
8.7441

219.4228,
228.1280, 191.6044

 9.2259, 9.3791,
4.4801

265.2212,
275.9447, 235.6493

 4.9471, 4.9893,
1.8923


316.9862,

 2.2507, 2.2410,


330.0156, 285.9743


0.4878


375.0833,
390.7251, 342.9978

 0.7693, 0.7422,
0.0000


 0.0000, 0.0000,
0.0000


 67.1429, 69.4049,
50.9320


 67.1429, 69.4049,
50.9320

 62.7264, 64.0155,
38.8427


 72.1078, 75.2294,
65.2425


 58.8290, 59.0389,
28.8560

 77.6377, 81.4918,
81.8758

 55.4270, 54.4643,
20.8489

 83.7553, 88.2068,
100.9325

 52.4920, 50.2768,
14.6834

 87.7602, 94.2976,
108.1835

■ 49.9922, 46.4600,
10.2039

■ 89.0699, 96.9172,
108.6201

■ 47.8909, 42.9953,
7.2285

■ 46.1429, 39.8607,
5.5319

■ 45.5221, 38.7015,
5.0709

Harmonies

Analogous

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



72.0344, 69.4049, 55.2104



67.1429, 69.4049, 50.9320



62.1765, 69.4049, 52.5396

Triad

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



67.1429, 69.4049, 50.9320



57.3401, 69.4049, 87.1910



74.1484, 69.4049, 93.7251

Complementary

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



67.1429, 69.4049, 50.9320



53.9909, 56.7100, 88.9895

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.



69.9091, 69.4049, 104.5049



67.1429, 69.4049, 50.9320



60.2508, 69.4049, 100.4051

Square

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



67.1429, 69.4049, 50.9320



56.6844, 69.4049, 72.2722



64.8055, 69.4049, 107.0950



76.2120, 69.4049, 78.9669

Rectangle

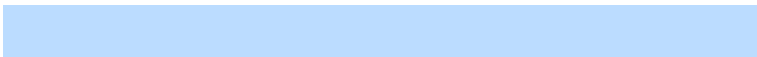
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.1429, 69.4049, 50.9320



59.4708, 69.4049, 56.8485



64.8055, 69.4049, 107.0950



72.9204, 69.4049, 98.0077

Sweetspot

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



67.1447, 69.4081, 50.9334



89.4705, 93.8208, 91.6882



61.3049, 53.4363, 62.2189



18.9364, 19.8409, 18.9760



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.



67.1447, 69.4081, 50.9334



75.8366, 77.9228, 52.0920



71.6252, 81.4062, 53.0132



16.5794, 17.3720, 16.6290



25.5259, 21.8499, 2.8721



2.2197, 2.0100, 0.2710

Inverse Universe

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



53.9909, 56.7100, 88.9895



58.1455, 60.8489, 103.2882



50.2974, 47.1941, 87.3474



15.3989, 16.2318, 20.0431



10.8666, 7.9575, 46.0911



0.9977, 0.8493, 3.8656

Previews

White Background



This preview shows how the XYZ color 67.1429, 69.4049, 50.9320 looks on a white background.

Color Contrast Check

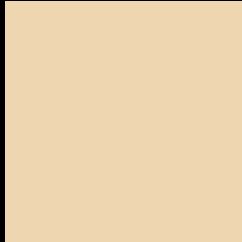
Large Text (above 18pt) WCAG AA × Fail

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 67.1429, 69.4049, 50.9320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

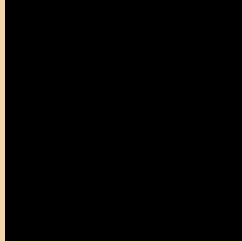
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.1429, 69.4049, 50.9320

Background



This preview shows how black text looks on a background with the XYZ color 67.1429, 69.4049, 50.9320.



This preview shows how white text looks on a background with the XYZ color 67.1429, 69.4049,

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

67.1429, 69.4049, 50.9320

Protanopia

65.3818, 69.6230, 51.5876

Deuteranopia

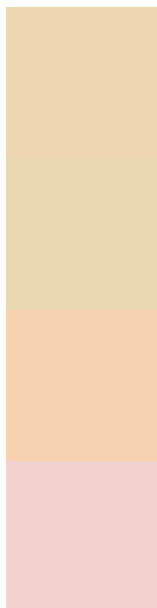
70.8812, 69.4707, 51.2683



Tritanopia

73.0756, 69.2406, 80.0343

Trichromacy



Original Color

67.1429, 69.4049, 50.9320

Protanomaly

66.0960, 69.6097, 51.5474

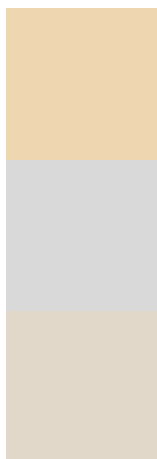
Deuteranomaly

69.5878, 69.5370, 51.3493

Tritanomaly

70.9270, 69.4754, 68.7033

Monochromacy



Original Color

67.1429, 69.4049, 50.9320

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.2679, 69.3836, 65.7768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1429, 69.4049, 50.9320 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(238, 214, 176)` looks like.

```
.text, #text, p{  
    color:rgb(238, 214, 176)  
}
```

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(238, 214, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 214, 176) }
```

Border

The CSS property to change the border of an element to XYZ 67.1429, 69.4049, 50.9320 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(238, 214, 176) }
```


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

```
.border{ border-color:rgb(238, 214, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 214, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 214, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 214, 176);  
box-shadow:4px 4px 4px 4px rgb(238, 214,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1429, 69.4049, 50.9320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 214, 176) }
```

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

```
.background{ background-color: rgb(238,  
214, 176) }
```

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