

Converting Colors

XYZ(67.0770, 72.4181, 59.2406)

Have a look what the booklet for
XYZ(67.0770, 72.4181, 59.2406)
contains.

XYZ(67.0941, 72.2912, 59.1325)	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(67.0941, 72.2912,
59.1325)**

Conversions

Conversions Part 1

Format	Color
Hex	E3DEBE
RGB	227, 222, 190
RGB Percent	89%, 87%, 75%
CMY	0.1098, 0.1294, 0.2549
CMYK	0.00, 0.02, 0.16, 0.11
HSL	52°, 40%, 82%
HSV	52°, 16%, 89%
XYZ	67.0941, 72.2912, 59.1325
YIQ	219.8470, 13.2520, -8.8920

Conversions

Conversions Part 2

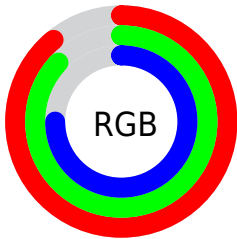
Format	Color
RYB	196, 227, 190
Decimal	14933694
CIELab	88.11, -3.55, 16.32
CIELCh	88, 16.704, 102.260
Yxy	72.2912, 0.3380, 0.3642
Android (android.graphics.Color)	4293123774 (0xFFE3DEBE)
YUV	219.8470, -14.7146, 6.2732
Hunter-Lab	85.0242, -7.9350, 18.2821

Details

The XYZ color **67.0941, 72.2912, 59.1325** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.6152, 55.5222, 80.5119**, and the grayscale version is **68.0154, 71.5575, 77.9261**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **35.1287, 38.1015, 29.1698** is the 20% darker color. If you saturate the color by 10%, you get **63.9979, 69.7646, 46.7984**, and if you desaturate by 10%, it is **70.5954, 75.0084, 73.5098**.

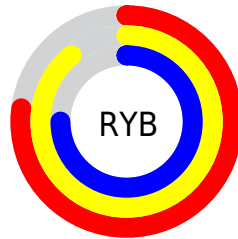
Distribution



Red (89%)

Green (87%)

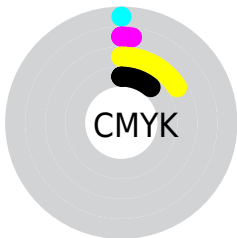
Blue (75%)



Red (77%)

Yellow (89%)

Blue (75%)

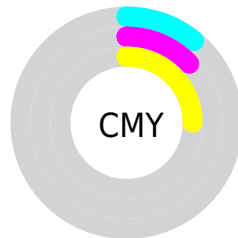


Cyan (0%)

Magenta (2%)

Yellow (16%)

Black (11%)



Cyan (11%)

Magenta (13%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.0941, 72.2912, 59.1325 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 67.0941, 72.2912, 59.1325 by changing the saturation by 10% instead.

■ 67.0941, 72.2912,
59.1325

■ 67.0941, 72.2912,
59.1325

439.7069,
468.5545, 439.1083

■ 49.4321, 53.3966,
42.2991

■ 114.1043,
122.4704, 105.1012

■ 35.1783, 38.1195,
29.0082

144.1832,
154.5239, 135.0736

■ 23.9674, 26.0754,
18.8414

179.1317,
191.7324, 170.2627

■ 15.4341, 16.8801,
11.3801

219.3153,
234.4803, 211.0871

■ 9.2129, 10.1490,
6.2057

265.0992,
283.1521, 257.9654

■ 4.9385, 5.4979,
2.8998

316.8489,

■ 2.2456, 2.5422,

338.1321, 311.3159

1.0437

374.9297,
399.8048, 371.5574

■ 0.7666, 0.8977,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.0941, 72.2912,
59.1325

■ 67.0941, 72.2912,
59.1325

■ 63.9979, 69.7646,
46.7984

■ 70.5954, 75.0084,
73.5098

■ 61.2832, 67.4116,
36.4090

■ 74.5128, 77.9135,
90.0135

■ 58.9325, 65.2277,
27.8645

■ 78.3605, 80.8145,
106.0765

■ 56.9249, 63.2044,
21.0543

■ 79.2268, 82.5471,
106.3652

■ 55.2369, 61.3320,
15.8562

■ 80.1082, 84.3098,
106.6590

■ 53.8423, 59.6001,
12.1318

■ 81.0047, 86.1029,
106.9578

■ 52.7102, 57.9961,
9.7196

■ 81.9165, 87.9264,
107.2618

■ 51.8024, 56.5045,
8.4174

■ 82.8436, 89.7806,
107.5708

■ 51.4989, 55.9713,
8.0893

■ 83.7861, 91.6656,
107.8850

Harmonies

Analogous

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



71.0752, 72.2912, 59.5830



67.0941, 72.2912, 59.1325



63.6786, 72.2912, 63.5435

Triad

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



67.0941, 72.2912, 59.1325



63.1868, 72.2912, 94.4351



76.2810, 72.2912, 85.6002

Complementary

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



67.0941, 72.2912, 59.1325



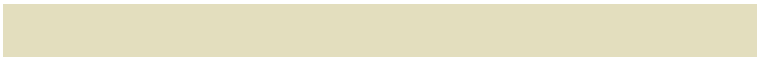
54.6152, 55.5222, 80.5119

Split Complementary

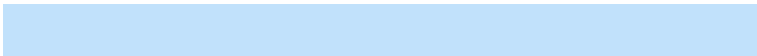
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.0010, 72.2912, 96.1225



67.0941, 72.2912, 59.1325



66.3991, 72.2912, 101.5529

Square

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



67.0941, 72.2912, 59.1325



61.4820, 72.2912, 83.4720



70.3529, 72.2912, 102.1987



76.4847, 72.2912, 74.1381

Rectangle

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



67.0941, 72.2912, 59.1325



62.1407, 72.2912, 68.9210



70.3529, 72.2912, 102.1987



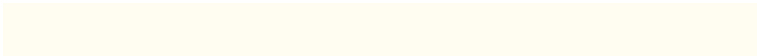
75.7280, 72.2912, 89.3908

Sweetspot

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



67.0960, 72.2944, 59.1340



92.5179, 98.1125, 98.2628



60.0054, 57.1238, 59.8207



19.7289, 20.9444, 20.7245



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.



67.0960, 72.2944, 59.1340



85.7418, 92.8251, 70.5247



64.5102, 72.9602, 59.3988



15.4270, 16.4678, 15.2700



30.0971, 32.7684, 4.7387



2.2702, 2.5137, 0.3655

Inverse Universe

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



54.6152, 55.5222, 80.5119



66.2176, 66.5888, 103.9706



56.8944, 55.0634, 80.3032



13.7389, 14.1993, 18.1609



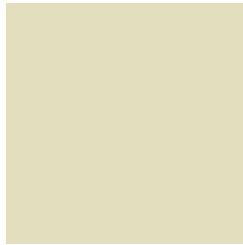
8.4148, 3.8918, 42.6908



0.6723, 0.3885, 3.1715

Previews

White Background



This preview shows how the XYZ color 67.0941, 72.2912, 59.1325 looks on a white background.

Color Contrast Check

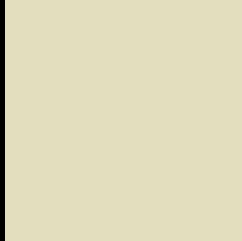
Large Text (above 18pt) WCAG AA × Fail

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 67.0941, 72.2912, 59.1325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

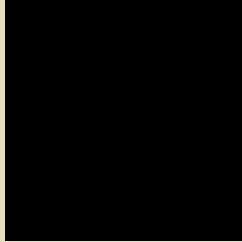
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

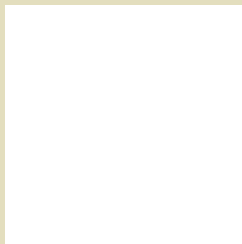
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.0941, 72.2912, 59.1325

Background



This preview shows how black text looks on a background with the XYZ color 67.0941, 72.2912, 59.1325.



This preview shows how white text looks on a background with the XYZ color 67.0941, 72.2912, 59.1325.

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

67.0941, 72.2912, 59.1325

Protanopia

68.0572, 72.0163, 58.4577

Deuteranopia

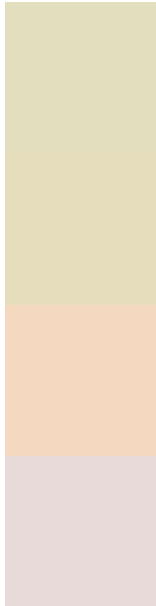
73.8167, 72.2769, 59.9295



Tritanopia

72.8681, 72.3186, 87.2091

Trichromacy



Original Color

67.0941, 72.2912, 59.1325

Protanomaly

67.6749, 72.2100, 58.5152

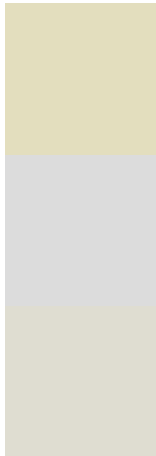
Deuteranomaly

71.2681, 72.1064, 59.4519

Tritanomaly

70.5508, 72.1415, 75.8519

Monochromacy



Original Color

67.0941, 72.2912, 59.1325

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.7965, 72.0043, 70.6466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0941, 72.2912, 59.1325 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(227, 222, 190)` looks like.

```
.text, #text, p{  
    color:rgb(227, 222, 190)  
}
```

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(227, 222, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 222, 190) }
```

Border

The CSS property to change the border of an element to XYZ 67.0941, 72.2912, 59.1325 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(227, 222, 190) }
```


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

```
.border{ border-color:rgb(227, 222, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 222, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 222, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 222, 190);  
box-shadow:4px 4px 4px 4px rgb(227, 222,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0941, 72.2912, 59.1325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 222, 190) }
```

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

```
.background{ background-color: rgb(227,  
222, 190) }
```

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