

Converting Colors

XYZ(69.5109, 71.9531, 60.0939)

Have a look what the booklet for
XYZ(69.5109, 71.9531, 60.0939)
contains.

XYZ(69.5109, 71.9531, 60.0939)	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(69.5109, 71.9531,
60.0939)**

Conversions

Conversions Part 1

Format	Color
Hex	EDDAC0
RGB	237, 218, 192
RGB Percent	93%, 85%, 75%
CMY	0.0706, 0.1451, 0.2471
CMYK	0.00, 0.08, 0.19, 0.07
HSL	35°, 56%, 84%
HSV	35°, 19%, 93%
XYZ	69.5109, 71.9531, 60.0939
YIQ	220.7170, 19.6700, -4.0580

Conversions

Conversions Part 2

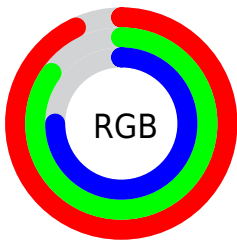
Format	Color
R _Y B	225, 237, 192
Decimal	15588032
CIE Lab	87.95, 2.44, 15.16
CIE LCh	88, 15.358, 80.873
Yxy	71.9531, 0.3449, 0.3570
Android (android.graphics.Color)	4293778112 (0xFFEDDAC0)
YUV	220.7170, -14.1575, 14.2802
Hunter-Lab	84.8252, -2.1703, 17.3740

Details

The XYZ color **69.5109, 71.9531, 60.0939** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **60.3183, 63.9080, 89.2777**, and the grayscale version is **68.6168, 72.1903, 78.6152**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **36.7407, 37.8531, 29.4147** is the 20% darker color. If you saturate the color by 10%, you get **64.5776, 65.9556, 46.5204**, and if you desaturate by 10%, it is **75.0276, 78.4394, 75.9498**.

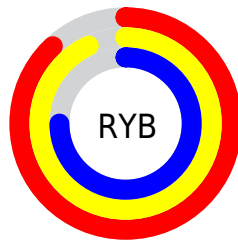
Distribution



Red (93%)

Green (85%)

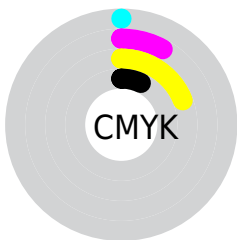
Blue (75%)



Red (88%)

Yellow (93%)

Blue (75%)

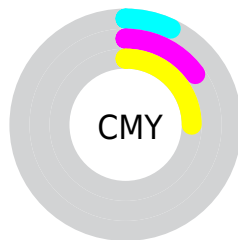


Cyan (0%)

Magenta (8%)

Yellow (19%)

Black (7%)



Cyan (7%)


Magenta (15%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.5109, 71.9531, 60.0939 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 69.5109, 71.9531, 60.0939 by changing the saturation by 10% instead.


 69.5109, 71.9531,
60.0939

 69.5109, 71.9531,
60.0939


448.1241,
467.3783, 442.7580

 51.4061, 53.1204,
43.0685


 117.5411,
121.9898, 106.5106

 36.7542, 37.8989,
29.6071


148.1971,
153.9627, 136.7390

 25.1901, 25.9042,
19.2910


183.7676,
191.0843, 172.2054

 16.3482, 16.7520,
11.7018

224.6179,
233.7391, 213.3285

 9.8633, 10.0578,
6.4209

271.1133,
282.3115, 260.5268

 5.3700, 5.4373,
3.0298

323.6192,

 2.5029, 2.5061,

337.1859, 314.2188

1.1099

382.5010,
398.7467, 374.8230

■ 0.8967, 0.8797,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.5109, 71.9531,
60.0939

■ 69.5109, 71.9531,
60.0939

■ 64.5776, 65.9556,
46.5204

■ 75.0276, 78.4394,
75.9498

■ 60.1989, 60.4237,
35.1174

■ 81.1434, 85.4178,
94.1836

■ 56.3522, 55.3462,
25.7703

■ 86.5484, 92.3708,
107.8755

■ 53.0106, 50.7078,
18.3522

■ 88.7353, 96.7446,
108.6045

■ 50.1444, 46.4920,
12.7218

■ 47.7203, 42.6803,
8.7182

■ 45.6990, 39.2520,
6.1510

■ 44.0229, 36.1788,
4.7319

■ 43.8650, 35.8841,
4.6144

Harmonies

Analogous

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



72.9238, 71.9531, 63.7361



69.5109, 71.9531, 60.0939



65.9141, 71.9531, 60.9922

Triad

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



69.5109, 71.9531, 60.0939



62.0264, 71.9531, 85.7421



73.9911, 71.9531, 91.7542

Complementary

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



69.5109, 71.9531, 60.0939



60.3183, 63.9080, 89.2777

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.



70.9257, 71.9531, 98.7108



69.5109, 71.9531, 60.0939



64.0467, 71.9531, 95.0306

Square

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



69.5109, 71.9531, 60.0939



61.6780, 71.9531, 75.1930



67.2798, 71.9531, 99.9605



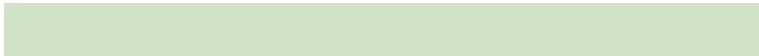
75.5705, 71.9531, 81.5832

Rectangle

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



69.5109, 71.9531, 60.0939



63.8897, 71.9531, 64.0804



67.2798, 71.9531, 99.9605



73.0953, 71.9531, 94.5827

Sweetspot

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



69.5128, 71.9563, 60.0954



90.6578, 95.0018, 95.7636



65.5961, 60.4330, 70.1655



19.3055, 20.2206, 20.2047



0.0000, 0.0000, 0.0000



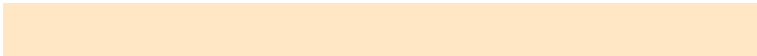
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.5128, 71.9563, 60.0954



79.6081, 81.9903, 64.0636



73.7310, 81.8672, 61.7861



15.7884, 16.4998, 15.8714



24.0813, 19.8568, 2.5635



1.9858, 1.7490, 0.2329

Inverse Universe

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



60.3183, 63.9080, 89.2777



66.7909, 70.7723, 104.7479



56.6423, 55.4168, 87.8325



14.7538, 15.5940, 19.1546



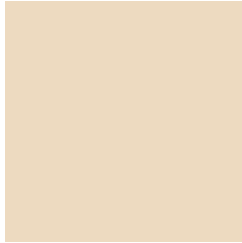
10.9594, 8.5658, 44.8187



0.9539, 0.8593, 3.5505

Previews

White Background



This preview shows how the XYZ color 69.5109, 71.9531, 60.0939 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 69.5109, 71.9531, 60.0939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

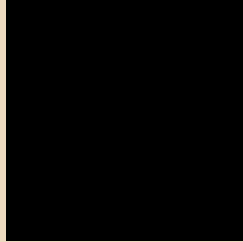
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.5109, 71.9531, 60.0939

Background



This preview shows how black text looks on a background with the XYZ color 69.5109, 71.9531, 60.0939.



This preview shows how white text looks on a background with the XYZ color 69.5109, 71.9531,

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

69.5109, 71.9531, 60.0939

Protanopia

68.1738, 72.0256, 60.7613

Deuteranopia

73.3140, 71.6327, 60.4145



Tritanopia

74.5551, 72.1229, 84.1204

Trichromacy



Original Color

69.5109, 71.9531, 60.0939

Protanomaly

68.5614, 71.8369, 60.7044

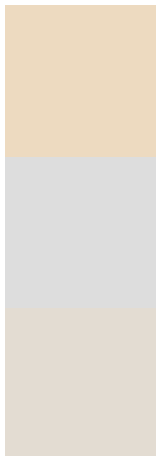
Deuteranomaly

72.0300, 71.7175, 60.4986

Tritanomaly

72.6303, 72.0840, 75.0513

Monochromacy



Original Color

69.5109, 71.9531, 60.0939

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.9046, 72.1704, 71.2714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5109, 71.9531, 60.0939 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(237, 218, 192) looks like.

```
.text, #text, p{  
    color:rgb(237, 218, 192)  
}
```

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(237, 218, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 218, 192) }
```

Border

The CSS property to change the border of an element to XYZ 69.5109, 71.9531, 60.0939 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(237, 218, 192) }
```


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

```
.border{ border-color:rgb(237, 218, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 218, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 218, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 218, 192);  
box-shadow:4px 4px 4px 4px rgb(237, 218,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5109, 71.9531, 60.0939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 218, 192) }
```

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

```
.background{ background-color: rgb(237,  
218, 192) }
```

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