

Converting Colors

XYZ(58.1365, 69.2364, 10.3151)

Have a look what the booklet for
XYZ(58.1365, 69.2364, 10.3151)
contains.

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Color

**XYZ(58.0717, 69.1084,
10.3073)**

Conversions

Conversions Part 1

Format	Color
Hex	E3DF01
RGB	227, 223, 1
RGB Percent	89%, 87%, 0%
CMY	0.1098, 0.1255, 0.9960
CMYK	0.00, 0.02, 1.00, 0.11
HSL	59°, 99%, 45%
HSV	59°, 100%, 89%
XYZ	58.0717, 69.1084, 10.3073
YIQ	198.8880, 73.6460, -68.1940

Conversions

Conversions Part 2

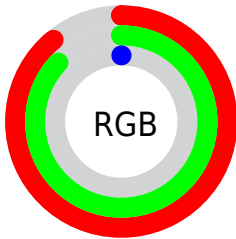
Format	Color
R _Y B	5, 227, 1
Decimal	14933761
CIE Lab	86.56, -17.79, 85.67
CIE LCh	87, 87.500, 101.728
Yxy	69.1084, 0.4224, 0.5027
Android (android.graphics.Color)	4293123841 (0xFFE3DF01)
YUV	198.8880, -97.5588, 24.6542
Hunter-Lab	83.1315, -20.7884, 50.8408

Details

The XYZ color **58.0717, 69.1084, 10.3073** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **13.9325, 5.6617, 73.0310**, and the grayscale version is **54.7679, 57.6201, 62.7482**.

A 20% lighter version of the original color is **78.8032, 93.5013, 23.3454**, and **29.9390, 36.2208, 5.4134** is the 20% darker color. If you saturate the color by 10%, you get **58.0627, 69.0997, 10.2773**, and if you desaturate by 10%, it is **58.3370, 69.3888, 11.1683**.

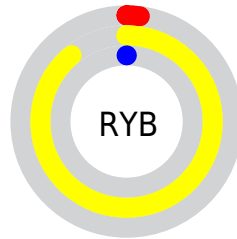
Distribution



Red (89%)

Green (87%)

Blue (0%)



Red (2%)

Yellow (89%)

Blue (0%)

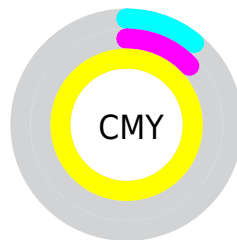


Cyan (0%)

Magenta (2%)

Yellow (100%)

Black (11%)



Cyan (11%)


Magenta (13%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.0717, 69.1084, 10.3073 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 58.0717, 69.1084, 10.3073 by changing the saturation by 10% instead.


 58.0717, 69.1084,
10.3073

 58.0717, 69.1084,
10.3073


407.4026,
457.4132, 203.4153


 42.1098, 50.8000,
5.4949


 101.1496,
117.9364, 26.9887

 29.3787, 36.0495,
2.4767


 128.9963,
149.2248, 39.6948


 19.5132, 24.4724,
0.8278


 161.5354,
185.6086, 55.8693

 12.1479, 15.6844,
0.0000

 199.1321,
227.4722, 75.9306

 6.9174, 9.3011,
0.0000

 242.1518,
275.2001, 100.2973

 3.4564, 4.9381,
0.0000

 290.9599,

 1.3994, 2.2110,

329.1767, 129.3880

0.0000

345.9217,
389.7862, 163.6211

■ 0.2558, 0.7260,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0717, 69.1084,
10.3073

■ 58.0717, 69.1084,
10.3073

■ 58.0627, 69.0997,
10.2773

■ 58.3370, 69.3888,
11.1683

■ 58.7842, 69.7398,
12.9924

■ 59.4685, 70.1861,
16.0645

■ 60.4227, 70.7407,
20.5562

■ 61.6743, 71.4146,
26.6122

■ 63.2472, 72.2175,
34.3596

■ 65.1632, 73.1580,
43.9123

■ 67.4420, 74.2441,
55.3743

■ 70.1019, 75.4830,
68.8418

Harmonies

Analogous

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



78.6891, 69.1084, 11.2093



58.0717, 69.1084, 10.3073



42.9941, 69.1084, 18.8775

Triad

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



58.0717, 69.1084, 10.3073



40.6642, 69.1084, 176.7768



110.1214, 69.1084, 115.9849

Complementary

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



58.0717, 69.1084, 10.3073



13.9325, 5.6617, 73.0310

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.



95.2175, 69.1084, 193.1939



58.0717, 69.1084, 10.3073



54.1997, 69.1084, 238.9728

Square

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



58.0717, 69.1084, 10.3073



34.4183, 69.1084, 100.3144



73.9372, 69.1084, 246.1743



111.7557, 69.1084, 54.7481

Rectangle

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



58.0717, 69.1084, 10.3073



36.9739, 69.1084, 33.7693



73.9372, 69.1084, 246.1743



106.3738, 69.1084, 141.5282

Sweetspot

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



58.0733, 69.1116, 10.3087



84.6564, 95.1550, 56.2881



31.7364, 16.3719, 1.7333



17.8841, 20.2521, 10.8695



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.



58.0733, 69.1116, 10.3087



75.5793, 89.9386, 13.3764



35.4366, 59.0446, 9.5587



15.5786, 16.7712, 15.3205



33.8724, 40.3189, 5.9971



2.5101, 2.9935, 0.4455

Inverse Universe

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



13.9325, 5.6617, 73.0310



18.0989, 7.3178, 95.0663



19.8776, 8.6622, 73.2968



13.6032, 13.9277, 18.1157



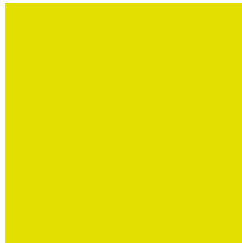
8.1204, 3.3029, 42.5927



0.6073, 0.2586, 3.1499

Previews

White Background



This preview shows how the XYZ color 58.0717, 69.1084, 10.3073 looks on a white background.

Color Contrast Check

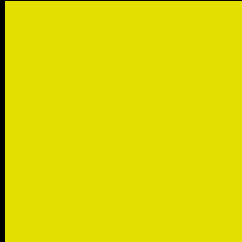
Large Text (above 18pt) WCAG AA × Fail

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 58.0717, 69.1084, 10.3073 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 58.0717, 69.1084, 10.3073

Background



This preview shows how black text looks on a background with the XYZ color 58.0717, 69.1084, 10.3073.



This preview shows how white text looks on a background with the XYZ color 58.0717, 69.1084,

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

58.0717, 69.1084, 10.3073

Deuteranopia

68.5558, 68.6671, 33.3077

Tritanopia

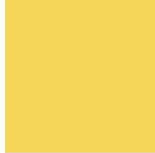
71.9077, 68.6541, 79.2737

Trichromacy



Original Color

58.0717, 69.1084, 10.3073



Deuteranomaly

63.4642, 68.2102, 19.0535



Tritanomaly

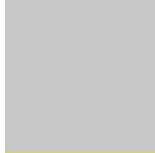
63.2688, 67.3744, 35.2611

Monochromacy



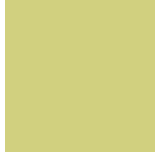
Original Color

58.0717, 69.1084, 10.3073



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

52.6811, 60.1994, 28.9217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0717, 69.1084, 10.3073 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, 223, 1)` looks like.

```
.text, #text, p{  
    color:rgb(227, 223, 1)  
}
```

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, 223, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 223, 1) }
```

Border

The CSS property to change the border of an element to XYZ 58.0717, 69.1084, 10.3073 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, 223, 1) }
```

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

```
.border{ border-color:rgb(227, 223, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 223, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 223, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 223, 1);  
box-shadow:4px 4px 4px 4px rgb(227, 223,  
1) }
```


Background

The CSS property to change the background color of an element to XYZ 58.0717, 69.1084, 10.3073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 223, 1) }
```

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

```
.background{ background-color: rgb(227,  
223, 1) }
```

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](#).

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