

Converting Colors

XYZ(59.2263, 72.0831, 26.9705)

Have a look what the booklet for
XYZ(59.2263, 72.0831, 26.9705)
contains.

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Color

**XYZ(59.4157, 72.2785,
27.0393)**

Conversions

Conversions Part 1

Format	Color
Hex	D7E673
RGB	215, 230, 115
RGB Percent	84%, 90%, 45%
CMY	0.1569, 0.0980, 0.5490
CMYK	0.07, 0.00, 0.50, 0.10
HSL	68°, 70%, 68%
HSV	68°, 50%, 90%
XYZ	59.4157, 72.2785, 27.0393
YIQ	212.4050, 27.9750, -38.9450

Conversions

Conversions Part 2

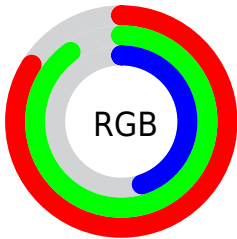
Format	Color
RYB	115, 230, 130
Decimal	14149235
CIELab	88.10, -21.20, 53.78
CIElCh	88, 57.802, 111.513
Yxy	72.2785, 0.3743, 0.4553
Android (android.graphics.Color)	4292339315 (0xFFD7E673)
YUV	212.4050, -48.0207, 2.2758
Hunter-Lab	85.0168, -24.0310, 40.6547

Details

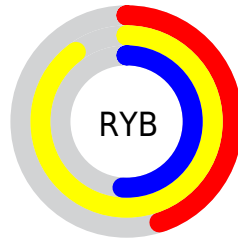
The XYZ color **59.4157, 72.2785, 27.0393** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.6222, 22.7223, 77.6917**, and the grayscale version is **63.1473, 66.4359, 72.3487**.

A 20% lighter version of the original color is **84.1614, 95.6446, 51.5616**, and **30.3000, 38.2768, 10.3486** is the 20% darker color. If you saturate the color by 10%, you get **57.3813, 71.3665, 20.8766**, and if you desaturate by 10%, it is **61.7999, 73.3375, 34.9446**.

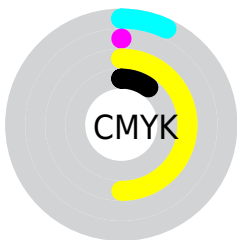
Distribution



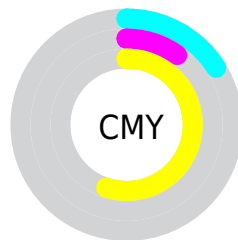
- Red (84%)
- Green (90%)
- Blue (45%)



- Red (45%)
- Yellow (90%)
- Blue (51%)



- Cyan (7%)
- Magenta (0%)
- Yellow (50%)
- Black (10%)



- Cyan (16%)
- Magenta (10%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.4157, 72.2785, 27.0393 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 59.4157, 72.2785, 27.0393 by changing the saturation by 10% instead.


 59.4157, 72.2785,
27.0393


 59.4157, 72.2785,
27.0393


412.3100,
468.5104, 301.6135


 43.1955, 53.3862,
17.3700


 103.0928,
122.4524, 55.9514

 30.2337, 38.1112,
10.3339


 131.2804,
154.5028, 76.0314

 20.1650, 26.0690,
5.5124


 164.1878,
191.7080, 100.4186

 12.6240, 16.8753,
2.4870

202.1804,
234.4525, 129.5318

 7.2454, 10.1456,
0.8333

245.6236,
283.1205, 163.7893

 3.6637, 5.4956,
0.0000

294.8827,

 1.5137, 2.5409,

338.0966, 203.6097

0.0000

350.3231,
399.7651, 249.4116

■ 0.3351, 0.8970,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.4157, 72.2785,
27.0393

■ 59.4157, 72.2785,
27.0393

■ 57.3813, 71.3665,
20.8766

■ 61.7999, 73.3375,
34.9446

■ 55.6665, 70.5815,
16.3202


■ 64.5513, 74.5427,
44.7063

■ 54.2442, 69.9154,
13.2210


■ 67.6922, 75.9056,
56.4337

■ 53.0804, 69.3545,
11.3998

■ 71.2416, 77.4337,
70.2265

 52.1163, 68.8754,
10.5475


 75.2172, 79.1343,
86.1776

 52.1162, 68.8754,
10.5475

 79.6357, 81.0139,
104.3742

 80.9432, 81.6511,
106.1018

 81.9482, 82.1692,
106.1488

 82.9700, 82.6959,
106.1967

Harmonies

Analogous

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



72.6919, 72.2785, 24.9081



59.4157, 72.2785, 27.0393



49.9427, 72.2785, 40.2305

Triad

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



59.4157, 72.2785, 27.0393



53.4655, 72.2785, 154.4761



98.4437, 72.2785, 90.4627

Complementary

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



59.4157, 72.2785, 27.0393



29.6222, 22.7223, 77.6917

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.



91.6450, 72.2785, 136.1346



59.4157, 72.2785, 27.0393



64.8542, 72.2785, 180.3946

Square

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



59.4157, 72.2785, 27.0393



46.8413, 72.2785, 110.0030



78.9012, 72.2785, 172.7448



96.4758, 72.2785, 53.9803

Rectangle

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



59.4157, 72.2785, 27.0393



46.4709, 72.2785, 56.9675



78.9012, 72.2785, 172.7448



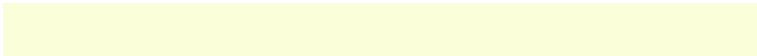
97.0782, 72.2785, 105.3546

Sweetspot

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



59.4174, 72.2818, 27.0408



87.6795, 96.8424, 79.5465



43.5038, 33.6100, 20.4152



18.5663, 20.6418, 16.2494



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.



59.4174, 72.2818, 27.0408



72.4312, 90.1476, 26.1531



45.7086, 65.2146, 26.3993



15.4069, 16.7168, 15.3191



29.5778, 39.0294, 5.9745



2.2374, 2.9108, 0.4439

Inverse Universe

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



29.6222, 22.7223, 77.6917



30.8223, 20.8577, 97.0092



40.6455, 28.4050, 78.2076



13.7568, 13.9768, 18.1171



8.4462, 3.4201, 42.5981



0.6808, 0.2820, 3.1505

Previews

White Background



This preview shows how the XYZ color 59.4157, 72.2785, 27.0393 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 59.4157, 72.2785, 27.0393 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 59.4157, 72.2785, 27.0393

Background



This preview shows how black text looks on a background with the XYZ color 59.4157, 72.2785, 27.0393.



This preview shows how white text looks on a background with the XYZ color 59.4157, 72.2785,

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

59.4157, 72.2785, 27.0393

Protanopia

66.0893, 72.1159, 25.7657

Deuteranopia

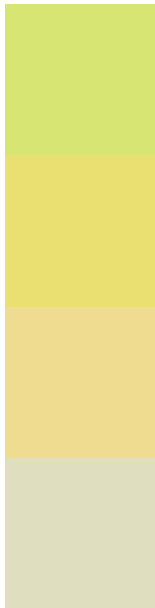
71.8082, 71.9618, 44.2877



Tritanopia

71.6590, 72.0602, 87.9741

Trichromacy



Original Color

59.4157, 72.2785, 27.0393

Protanomaly

63.2406, 71.8272, 26.1537

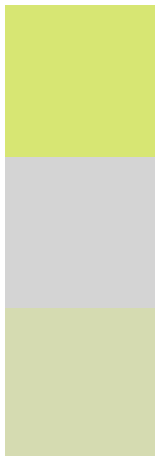
Deuteranomaly

66.6392, 71.7560, 37.1261

Tritanomaly

65.9567, 71.6921, 59.6519

Monochromacy



Original Color

59.4157, 72.2785, 27.0393

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

60.7079, 67.9835, 51.5175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4157, 72.2785, 27.0393 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(215, 230, 115)` looks like.

```
.text, #text, p{  
    color:rgb(215, 230, 115)  
}
```

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(215, 230, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 230, 115) }
```

Border

The CSS property to change the border of an element to XYZ 59.4157, 72.2785, 27.0393 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(215, 230, 115) }
```


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

```
.border{ border-color:rgb(215, 230, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 230, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 230, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 230, 115);  
box-shadow:4px 4px 4px 4px rgb(215, 230,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4157, 72.2785, 27.0393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 230, 115) }
```

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

```
.background{ background-color: rgb(215,  
230, 115) }
```

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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