

Converting Colors

XYZ(58.4720, 69.5006, 26.6488)

Have a look what the booklet for
XYZ(58.4720, 69.5006, 26.6488)
contains.

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Color

**XYZ(58.3654, 69.3008,
26.5199)**

Conversions

Conversions Part 1

Format	Color
Hex	D9E073
RGB	217, 224, 115
RGB Percent	85%, 88%, 45%
CMY	0.1490, 0.1215, 0.5490
CMYK	0.03, 0.00, 0.49, 0.12
HSL	64°, 64%, 66%
HSV	64°, 49%, 88%
XYZ	58.3654, 69.3008, 26.5199
YIQ	209.4810, 30.8170, -35.3830

Conversions

Conversions Part 2

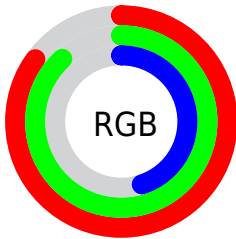
Format	Color
RYB	115, 224, 122
Decimal	14278771
CIELab	86.65, -17.48, 52.09
CIELCh	87, 54.942, 108.553
Yxy	69.3008, 0.3785, 0.4495
Android (android.graphics.Color)	4292468851 (0xFFD9E073)
YUV	209.4810, -46.5791, 6.5942
Hunter-Lab	83.2471, -20.5342, 39.3850

Details

The XYZ color **58.3654, 69.3008, 26.5199** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **27.6138, 21.7826, 73.2742**, and the grayscale version is **61.2011, 64.3884, 70.1189**.

A 20% lighter version of the original color is **84.1614, 95.6446, 51.5616**, and **29.5824, 36.2084, 10.1324** is the 20% darker color. If you saturate the color by 10%, you get **56.8045, 68.6297, 20.5168**, and if you desaturate by 10%, it is **60.2466, 70.1054, 34.1754**.

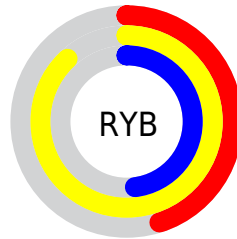
Distribution



Red (85%)

Green (88%)

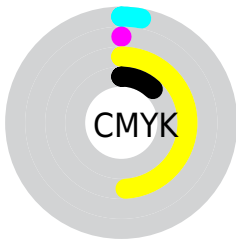
Blue (45%)



Red (45%)

Yellow (88%)

Blue (48%)

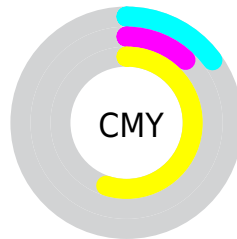


Cyan (3%)

Magenta (0%)

Yellow (49%)

Black (12%)



Cyan (15%)

Magenta (12%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3654, 69.3008, 26.5199 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 58.3654, 69.3008, 26.5199 by changing the saturation by 10% instead.

■ 58.3654, 69.3008,
26.5199

■ 58.3654, 69.3008,
26.5199

408.4781,
458.0912, 299.0113

■ 42.3469, 50.9567,
16.9837

■ 101.5747,
118.2111, 55.1068

■ 29.5653, 36.1742,
10.0611

■ 129.4962,
149.5461, 74.9947

■ 19.6553, 24.5687,
5.3333

■ 162.1160,
185.9802, 99.1702

■ 12.2515, 15.7560,
2.3820

199.7996,
227.8979, 128.0519

■ 6.9886, 9.3517,
0.7766

242.9122,
275.6834, 162.0583

■ 3.5013, 4.9713,
0.0000

291.8192,

■ 1.4241, 2.2304,

329.7211, 201.6080

0.0000

346.8861,
390.3956, 247.1194

■ 0.2733, 0.7365,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3654, 69.3008,
26.5199

■ 58.3654, 69.3008,
26.5199

■ 56.8045, 68.6297,
20.5168

■ 60.2466, 70.1054,
34.1754

■ 55.5357, 68.0734,
16.0403


■ 62.4639, 71.0425,
43.5884


■ 54.5345, 67.6245,
12.9534


■ 65.0379, 72.1226,
54.8603


■ 53.7699, 67.2708,
11.0931


■ 67.9863, 73.3529,
68.0835


 53.1953, 66.9934,
10.2135


 71.3253, 74.7399,
83.3444

 53.1240, 66.9586,
10.1244

 75.0704, 76.2897,
100.7242

 76.4105, 76.8780,
105.4194

 76.8667, 77.1133,
105.4408

 77.3268, 77.3505,
105.4623

Harmonies

Analogous

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



70.8587, 69.3008, 25.4129



58.3654, 69.3008, 26.5199



49.1350, 69.3008, 37.8457

Triad

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



58.3654, 69.3008, 26.5199



50.9253, 69.3008, 141.3375



92.9625, 69.3008, 90.2791

Complementary

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



58.3654, 69.3008, 26.5199



27.6138, 21.7826, 73.2742

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.



86.0254, 69.3008, 132.1831



58.3654, 69.3008, 26.5199



61.1179, 69.3008, 167.4107

Square

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



58.3654, 69.3008, 26.5199



45.2377, 69.3008, 100.0977



73.9882, 69.3008, 163.6048



91.9755, 69.3008, 55.2330

Rectangle

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



58.3654, 69.3008, 26.5199



45.5683, 69.3008, 52.5692



73.9882, 69.3008, 163.6048



91.4472, 69.3008, 104.1769

Sweetspot

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



58.3671, 69.3040, 26.5213



88.5932, 97.3134, 79.5893



40.6081, 30.6283, 19.9922



18.7887, 20.7564, 16.2598



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.



58.3671, 69.3040, 26.5213



76.2478, 92.0850, 27.6930



45.0730, 62.4506, 25.8992



14.7802, 15.9824, 14.6127



30.9580, 38.9919, 5.8945



2.1725, 2.7164, 0.4098

Inverse Universe

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



27.6138, 21.7826, 73.2742



30.6015, 21.5109, 97.1469



37.2554, 26.7530, 73.7254



13.0332, 13.2851, 17.2650



7.9737, 3.2059, 41.2469



0.5818, 0.2372, 2.8604

Previews

White Background



This preview shows how the XYZ color 58.3654, 69.3008, 26.5199 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 58.3654, 69.3008, 26.5199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

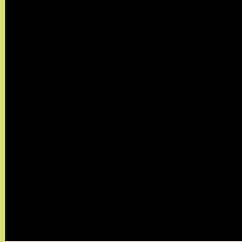
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3654, 69.3008, 26.5199

Background



This preview shows how black text looks on a background with the XYZ color 58.3654, 69.3008, 26.5199.



This preview shows how white text looks on a background with the XYZ color 58.3654, 69.3008,

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

58.3654, 69.3008, 26.5199

Protanopia

63.3901, 69.1687, 25.6327

Deuteranopia

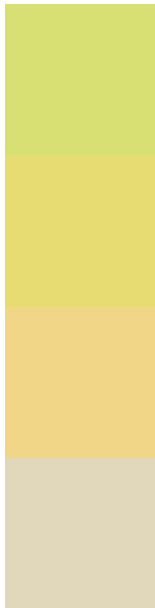
69.3858, 68.9990, 37.6781



Tritanopia

69.6110, 68.8480, 83.0189

Trichromacy



Original Color

58.3654, 69.3008, 26.5199

Protanomaly

61.5855, 69.3902, 26.0673

Deuteranomaly

64.7661, 68.5715, 33.1146

Tritanomaly

64.5768, 68.7071, 56.8719

Monochromacy



Original Color

58.3654, 69.3008, 26.5199

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

58.9358, 65.1853, 50.0332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3654, 69.3008, 26.5199 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(217, 224, 115)` looks like.

```
.text, #text, p{  
    color:rgb(217, 224, 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(217, 224, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 224, 115) }
```

Border

The CSS property to change the border of an element to XYZ 58.3654, 69.3008, 26.5199 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(217, 224, 115) }
```


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

```
.border{ border-color:rgb(217, 224, 115) }
```

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

Here you see how a box with a 4 pixel rgb(217, 224, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 224, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 224, 115);  
box-shadow:4px 4px 4px 4px rgb(217, 224,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3654, 69.3008, 26.5199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 224, 115) }
```

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

```
.background{ background-color: rgb(217,  
224, 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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