

Converting Colors

XYZ(59.2866, 68.3353, 30.3155)

Have a look what the booklet for
XYZ(59.2866, 68.3353, 30.3155)
contains.

XYZ(59.5715, 68.6436, 30.5319)	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(59.5715, 68.6436,
30.5319)**

Conversions

Conversions Part 1

Format	Color
Hex	DDDD80
RGB	221, 221, 128
RGB Percent	87%, 87%, 50%
CMY	0.1333, 0.1333, 0.4980
CMYK	0.00, 0.00, 0.42, 0.13
HSL	60°, 58%, 68%
HSV	60°, 42%, 87%
XYZ	59.5715, 68.6436, 30.5319
YIQ	210.3980, 29.8530, -28.9230

Conversions

Conversions Part 2

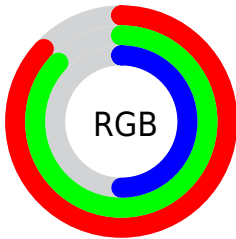
Format	Color
RYB	128, 221, 128
Decimal	14540160
CIELab	86.33, -13.17, 45.52
CIELCh	86, 47.387, 106.138
Yxy	68.6436, 0.3753, 0.4324
Android (android.graphics.Color)	4292730240 (0xFFDDDD80)
YUV	210.3980, -40.6222, 9.2980
Hunter-Lab	82.8514, -16.6457, 36.1468

Details

The XYZ color **59.5715, 68.6436, 30.5319** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.6749, 25.2497, 71.7204**, and the grayscale version is **61.7668, 64.9835, 70.7670**.

A 20% lighter version of the original color is **85.4435, 96.1574, 58.3128**, and **30.2506, 35.6868, 12.1313** is the 20% darker color. If you saturate the color by 10%, you get **58.2727, 68.1265, 23.6874**, and if you desaturate by 10%, it is **61.1905, 69.2937, 39.0478**.

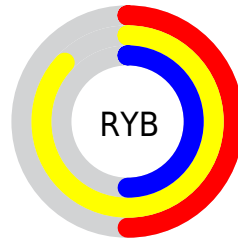
Distribution



Red (87%)

Green (87%)

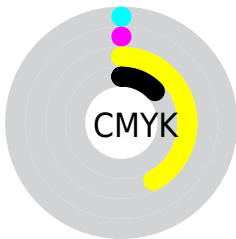
Blue (50%)



Red (50%)

Yellow (87%)

Blue (50%)

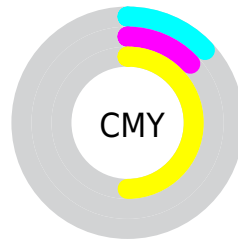


Cyan (0%)

Magenta (0%)

Yellow (42%)

Black (13%)



Cyan (13%)

Magenta (13%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5715, 68.6436, 30.5319 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 59.5715, 68.6436, 30.5319 by changing the saturation by 10% instead.

■ 59.5715, 68.6436,
30.5319

■ 59.5715, 68.6436,
30.5319

412.8766,
455.7730, 318.6601

■ 43.3215, 50.4215,
19.9872

■ 103.3177,
117.2724, 61.5732

■ 30.3331, 35.7484,
12.2018

■ 131.5446,
148.4479, 82.9070

■ 20.2408, 24.2400,
6.7570

■ 164.4945,
184.7099, 108.6741

■ 12.6795, 15.5117,
3.2345

202.5328,
226.4430, 139.2932

■ 7.2837, 9.1793,
1.2156

246.0248,
274.0314, 175.1828

■ 3.6881, 4.8583,
0.0000

295.3359,

■ 1.5272, 2.1644,

327.8597, 216.7615

0.0000

350.8313,
388.3120, 264.4477

■ 0.3442, 0.7005,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5715, 68.6436,
30.5319

■ 59.5715, 68.6436,
30.5319

■ 58.2727, 68.1265,
23.6874

■ 61.1905, 69.2937,
39.0478

■ 57.2683, 67.7247,
18.4006


■ 63.1436, 70.0750,
49.3303


■ 56.5367, 67.4320,
14.5504


■ 65.4499, 70.9976,
61.4728


■ 56.0511, 67.2377,
11.9960


■ 68.1257, 72.0679,
75.5606


 55.7796, 67.1290,
10.5683


 71.1860, 73.2921,
91.6739

 55.6741, 67.0868,
10.0147

 73.7295, 74.3096,
105.0650

 73.7299, 74.3098,
105.0650

 73.7304, 74.3100,
105.0650

 73.7308, 74.3103,
105.0650

Harmonies

Analogous

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



70.4127, 68.6436, 30.1923



59.5715, 68.6436, 30.5319



51.2258, 68.6436, 40.2948

Triad

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



59.5715, 68.6436, 30.5319



51.7301, 68.6436, 127.1162



87.8638, 68.6436, 90.1187

Complementary

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



59.5715, 68.6436, 30.5319



29.6749, 25.2497, 71.7204

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.



81.6105, 68.6436, 124.7214



59.5715, 68.6436, 30.5319



60.3340, 68.6436, 149.7853

Square

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



59.5715, 68.6436, 30.5319



47.0565, 68.6436, 92.7616



71.2650, 68.6436, 148.8033



87.6004, 68.6436, 59.2202

Rectangle

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



59.5715, 68.6436, 30.5319



47.8400, 68.6436, 52.9293



71.2650, 68.6436, 148.8033



86.4265, 68.6436, 101.8476

Sweetspot

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



59.5732, 68.6467, 30.5333



90.1639, 98.0455, 83.1744



41.4366, 32.3707, 24.4873



19.1401, 20.9223, 16.9671



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.



59.5732, 68.6467, 30.5333



80.8603, 94.3237, 34.1945



47.3226, 62.3313, 29.9600



14.1622, 15.2639, 13.9254



32.3400, 38.9693, 5.8173



2.0952, 2.5246, 0.3769

Inverse Universe

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



29.6749, 25.2497, 71.7204



34.5325, 27.0794, 98.0145



38.3396, 29.7165, 72.1259



12.3388, 12.6173, 16.4372



7.5817, 3.0327, 39.9242



0.4912, 0.1965, 2.5865

Previews

White Background



This preview shows how the XYZ color 59.5715, 68.6436, 30.5319 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 59.5715, 68.6436, 30.5319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

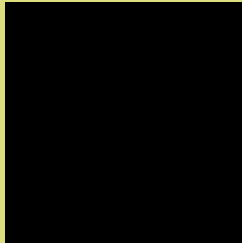
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5715, 68.6436, 30.5319

Background



This preview shows how black text looks on a background with the XYZ color 59.5715, 68.6436, 30.5319.



This preview shows how white text looks on a background with the XYZ color 59.5715, 68.6436,

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

59.5715, 68.6436, 30.5319

Protanopia

63.2468, 68.6226, 29.6507

Deuteranopia

69.2207, 68.5417, 38.0153



Tritanopia

70.0528, 68.7400, 81.5275

Trichromacy



Original Color

59.5715, 68.6436, 30.5319

Protanomaly

61.8572, 68.6640, 30.0719

Deuteranomaly

65.5641, 68.5663, 34.9783

Tritanomaly

65.3357, 68.3048, 58.4558

Monochromacy



Original Color

59.5715, 68.6436, 30.5319

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.0163, 65.6846, 52.6952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5715, 68.6436, 30.5319 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(221, 221, 128)` looks like.

```
.text, #text, p{  
    color:rgb(221, 221, 128)  
}
```

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(221, 221, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 221, 128) }
```

Border

The CSS property to change the border of an element to XYZ 59.5715, 68.6436, 30.5319 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(221, 221, 128) }
```


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

```
.border{ border-color:rgb(221, 221, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 221, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 221, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 221, 128); box-shadow:4px 4px 4px 4px rgb(221, 221, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5715, 68.6436, 30.5319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 221, 128) }
```

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

```
.background{ background-color: rgb(221,  
221, 128) }
```

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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