

Converting Colors

XYZ(51.2665, 59.4053, 13.7091)

Have a look what the booklet for
XYZ(51.2665, 59.4053, 13.7091)
contains.

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Color

**XYZ(51.2913, 59.4544,
13.7735)**

Conversions

Conversions Part 1

Format	Color
Hex	D7CF41
RGB	215, 207, 65
RGB Percent	84%, 81%, 25%
CMY	0.1569, 0.1882, 0.7451
CMYK	0.00, 0.04, 0.70, 0.16
HSL	57°, 65%, 55%
HSV	57°, 70%, 84%
XYZ	51.2913, 59.4544, 13.7735
YIQ	193.2040, 50.3500, -42.4660

Conversions

Conversions Part 2

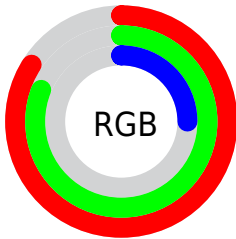
Format	Color
RYB	73, 215, 65
Decimal	14143297
CIELab	81.54, -13.36, 67.78
CIELCh	82, 69.080, 101.153
Yxy	59.4544, 0.4119, 0.4775
Android (android.graphics.Color)	4292333377 (0xFFD7CF41)
YUV	193.2040, -63.2046, 19.1151
Hunter-Lab	77.1067, -16.1986, 43.3838

Details

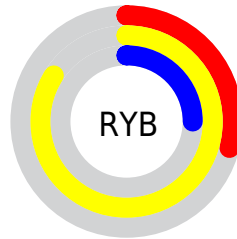
The XYZ color **51.2913, 59.4544, 13.7735** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **16.8284, 10.7951, 65.4863**, and the grayscale version is **51.1497, 53.8135, 58.6029**.

A 20% lighter version of the original color is **80.4512, 94.1605, 32.0237**, and **25.2959, 29.9506, 4.4478** is the 20% darker color. If you saturate the color by 10%, you get **50.5072, 58.7004, 11.0027**, and if you desaturate by 10%, it is **52.3171, 60.3128, 17.7952**.

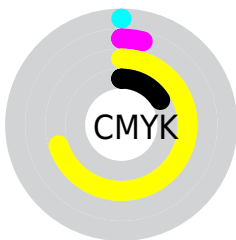
Distribution



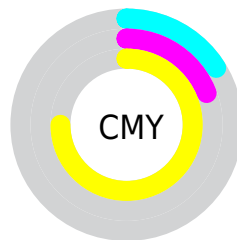
- Red (84%)
- Green (81%)
- Blue (25%)



- Red (29%)
- Yellow (84%)
- Blue (25%)



- Cyan (0%)
- Magenta (4%)
- Yellow (70%)
- Black (16%)



- Cyan (16%)
- Magenta (19%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.2913, 59.4544, 13.7735 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 51.2913, 59.4544, 13.7735 by changing the saturation by 10% instead.

■ 51.2913, 59.4544,
13.7735

■ 51.2913, 59.4544,
13.7735

382.0635,
422.5838, 227.1964

■ 36.6625, 42.9790,
7.8264

■ 91.2656, 104.0378,
33.3979

■ 25.1187, 29.8687,
3.8979

■ 117.3419,
132.9146, 47.9123

■ 16.2947, 19.7389,
1.5695

■ 147.9646,
166.6940, 66.1194

■ 9.8251, 12.2054,
0.2689

■ 183.4992,
205.7604, 88.4380

■ 5.3445, 6.8837,
0.0000

■ 224.3111,
250.4982, 115.2864

■ 2.4876, 3.3895,
0.0000

270.7655,

■ 0.8890, 1.3383,

301.2917, 147.0832

0.0000

323.2279,
358.5255, 184.2471

■ 0.0000, 0.1706,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.2913, 59.4544,
13.7735

■ 51.2913, 59.4544,
13.7735

■ 50.5072, 58.7004,
11.0027

■ 52.3171, 60.3128,
17.7952

■ 49.9321, 58.0310,
9.3287

■ 53.6047, 61.2768,
23.1910

■ 49.5174, 57.4290,
8.4896

■ 55.1764, 62.3578,
30.0733

■ 49.5082, 57.4151,
8.4729

■ 57.0513, 63.5632,
38.5421

■ 59.2467, 64.9001,
48.6885

■ 61.7786, 66.3749,
60.5970

■ 64.6619, 67.9935,
74.3462

■ 67.9108, 69.7616,
90.0100

■ 70.9690, 71.4567,
104.6598

Harmonies

Analogous

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



65.9942, 59.4544, 14.7848



51.2913, 59.4544, 13.7735



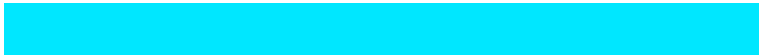
40.0899, 59.4544, 21.3319

Triad

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



51.2913, 59.4544, 13.7735



38.0239, 59.4544, 132.7014



87.1825, 59.4544, 94.0777

Complementary

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



51.2913, 59.4544, 13.7735



16.8284, 10.7951, 65.4863

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.



76.8933, 59.4544, 145.2958



51.2913, 59.4544, 13.7735



47.9803, 59.4544, 173.3843

Square

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



51.2913, 59.4544, 13.7735



33.3496, 59.4544, 81.4242



62.0704, 59.4544, 178.7832



88.4806, 59.4544, 50.4991

Rectangle

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



51.2913, 59.4544, 13.7735



35.4543, 59.4544, 33.3706



62.0704, 59.4544, 178.7832



84.5876, 59.4544, 111.3570

Sweetspot

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



51.2927, 59.4572, 13.7747



86.6920, 95.2109, 69.3447



31.1849, 18.7362, 8.6302



18.3566, 20.2591, 13.9189



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.



51.2927, 59.4572, 13.7747



73.8627, 85.8705, 14.7613



37.8325, 55.4665, 13.7139



13.4135, 14.4012, 13.2335



29.6374, 34.3920, 5.0763



1.8053, 2.1098, 0.3121

Inverse Universe

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



16.8284, 10.7951, 65.4863



20.1941, 10.1625, 95.5050



23.3625, 13.4334, 65.6511



11.7952, 12.1138, 15.6540



7.4352, 3.1322, 38.6659



0.4676, 0.2271, 2.3385

Previews

White Background



This preview shows how the XYZ color 51.2913, 59.4544, 13.7735 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 51.2913, 59.4544, 13.7735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

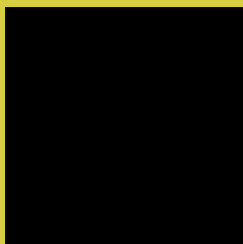
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.2913, 59.4544, 13.7735

Background



This preview shows how black text looks on a background with the XYZ color 51.2913, 59.4544, 13.7735.

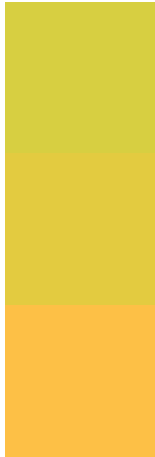


This preview shows how white text looks on a background with the XYZ color 51.2913, 59.4544,

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

51.2913, 59.4544, 13.7735

Protanopia

53.9599, 59.4129, 13.4743

Deuteranopia

60.4631, 59.0241, 14.0004



Tritanopia

62.2571, 59.0743, 68.4428

Trichromacy



Original Color

51.2913, 59.4544, 13.7735

Protanomaly

52.9497, 59.2439, 13.4950

Deuteranomaly

56.6062, 58.7006, 13.8157

Tritanomaly

56.7113, 58.5105, 40.2029

Monochromacy



Original Color

51.2913, 59.4544, 13.7735

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

49.4698, 54.8810, 35.1799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2913, 59.4544, 13.7735 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, 207, 65)` looks like.

```
.text, #text, p{  
    color:rgb(215, 207, 65)  
}
```

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, 207, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 207, 65) }
```

Border

The CSS property to change the border of an element to XYZ 51.2913, 59.4544, 13.7735 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, 207, 65) }
```


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

```
.border{ border-color:rgb(215, 207, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 207, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 207, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 207, 65);  
box-shadow:4px 4px 4px 4px rgb(215, 207,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2913, 59.4544, 13.7735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 207, 65) }
```

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

```
.background{ background-color: rgb(215,  
207, 65) }
```

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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