

Converting Colors

XYZ(53.1173, 59.5474, 15.1392)

Have a look what the booklet for
XYZ(53.1173, 59.5474, 15.1392)
contains.

XYZ(53.1916, 59.6867, 15.1957)	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(53.1916, 59.6867,
15.1957)**

Conversions

Conversions Part 1

Format	Color
Hex	DECD4A
RGB	222, 205, 74
RGB Percent	87%, 80%, 29%
CMY	0.1294, 0.1961, 0.7098
CMYK	0.00, 0.08, 0.67, 0.13
HSL	53°, 69%, 58%
HSV	53°, 67%, 87%
XYZ	53.1916, 59.6867, 15.1957
YIQ	195.1490, 52.1830, -37.1370

Conversions

Conversions Part 2

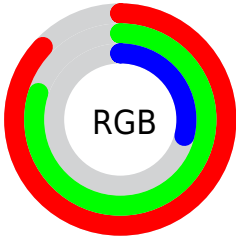
Format	Color
R _Y B	93, 222, 74
Decimal	14601546
CIE Lab	81.67, -8.94, 64.65
CIE LCh	82, 65.267, 97.875
Yxy	59.6867, 0.4153, 0.4660
Android (android.graphics.Color)	4292791626 (0xFFDECD4A)
YUV	195.1490, -59.7265, 23.5483
Hunter-Lab	77.2572, -12.3027, 42.4183

Details

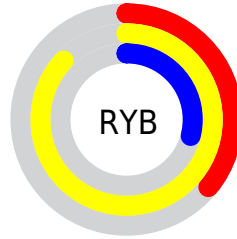
The XYZ color **53.1916, 59.6867, 15.1957** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **19.7500, 14.2116, 70.8091**, and the grayscale version is **52.2853, 55.0082, 59.9039**.

A 20% lighter version of the original color is **80.9624, 94.3650, 34.7160**, and **26.1928, 29.9285, 4.5111** is the 20% darker color. If you saturate the color by 10%, you get **51.9674, 58.2315, 11.7265**, and if you desaturate by 10%, it is **54.6923, 61.2729, 20.0599**.

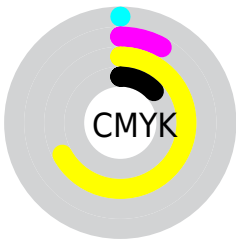
Distribution



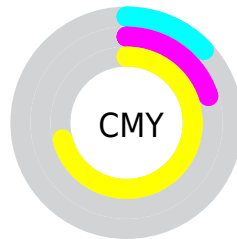
- Red (87%)
- Green (80%)
- Blue (29%)



- Red (36%)
- Yellow (87%)
- Blue (29%)



- Cyan (0%)
- Magenta (8%)
- Yellow (67%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1916, 59.6867, 15.1957 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 53.1916, 59.6867, 15.1957 by changing the saturation by 10% instead.

■ 53.1916, 59.6867,
15.1957

■ 53.1916, 59.6867,
15.1957

389.2686,
423.4420, 236.2291

■ 38.1838, 43.1662,
8.8087

■ 94.0501, 104.3751,
35.9433

■ 26.3033, 30.0155,
4.5215

■ 120.6316,
133.3117, 51.1409

■ 17.1845, 19.8504,
1.9156

■ 151.8016,
167.1557, 70.1126

■ 10.4623, 12.2863,
0.5026

■ 187.9257,
206.2917, 93.2767

■ 5.7711, 6.9390,
0.0000

■ 229.3690,
251.1039, 121.0519

■ 2.7457, 3.4240,
0.0000

276.4971,

■ 1.0208, 1.3569,

301.9767, 153.8567

0.0000

329.6752,
359.2946, 192.1096

0.0000, 0.1846,
0.0000

0.0000, 0.0000,
0.0000

53.1916, 59.6867,
15.1957

53.1916, 59.6867,
15.1957

51.9674, 58.2315,
11.7265

54.6923, 61.2729,
20.0599

50.9863, 56.8871,
9.4950

56.4905, 62.9918,
26.4469

50.2124, 55.6414,
8.3060

58.6095, 64.8551,
34.4742

49.9789, 55.2392,
8.0281

61.0694, 66.8709,
44.2468

■ 63.8884, 69.0465,
55.8610

■ 67.0836, 71.3888,
69.4058

■ 70.6709, 73.9043,
84.9647

■ 74.6651, 76.5990,
102.6162

■ 75.9031, 78.2077,
105.7028

Harmonies

Analogous

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



67.2597, 59.6867, 17.1126



53.1916, 59.6867, 15.1957



42.0242, 59.6867, 21.7280

Triad

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



53.1916, 59.6867, 15.1957



38.3476, 59.6867, 123.2970



84.8516, 59.6867, 97.8063

Complementary

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



53.1916, 59.6867, 15.1957



19.7500, 14.2116, 70.8091

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.



74.5204, 59.6867, 144.7478



53.1916, 59.6867, 15.1957



47.3617, 59.6867, 163.1329

Square

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



53.1916, 59.6867, 15.1957



34.4020, 59.6867, 75.9015



60.4228, 59.6867, 172.2595



87.0867, 59.6867, 55.1755

Rectangle

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



53.1916, 59.6867, 15.1957



37.1902, 59.6867, 32.5178



60.4228, 59.6867, 172.2595



82.1385, 59.6867, 114.0241

Sweetspot

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



53.1930, 59.6895, 15.1969



86.0593, 93.4600, 70.6305



34.4731, 21.1876, 12.2314



18.1860, 19.8236, 14.1527



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.



53.1930, 59.6895, 15.1969



70.5749, 78.9737, 14.6557



42.9301, 60.7649, 15.9454



14.7304, 15.7467, 14.5698



29.7392, 32.9163, 4.7861



2.1000, 2.3589, 0.3446

Inverse Universe

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



19.7500, 14.2116, 70.8091



21.8924, 12.8782, 95.9396



24.9530, 14.9762, 70.6824



13.0782, 13.4954, 17.3033



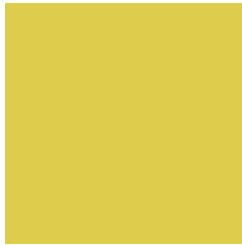
8.0853, 3.6401, 41.3248



0.6032, 0.3379, 2.8787

Previews

White Background



This preview shows how the XYZ color 53.1916, 59.6867, 15.1957 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 53.1916, 59.6867, 15.1957 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 53.1916, 59.6867, 15.1957

Background



This preview shows how black text looks on a background with the XYZ color 53.1916, 59.6867, 15.1957.



This preview shows how white text looks on a background with the XYZ color 53.1916, 59.6867,

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

53.1916, 59.6867, 15.1957

Protanopia

54.2705, 59.5372, 15.1100

Deuteranopia

60.9531, 59.5726, 15.4938



Tritanopia

63.7164, 59.5279, 67.1633

Trichromacy



Original Color

53.1916, 59.6867, 15.1957

Protanomaly

53.8802, 59.6877, 15.1597

Deuteranomaly

57.9238, 59.3456, 15.4231

Tritanomaly

58.5374, 59.0937, 41.1219

Monochromacy



Original Color

53.1916, 59.6867, 15.1957

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.1862, 56.0603, 37.4011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1916, 59.6867, 15.1957 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(222, 205, 74)` looks like.

```
.text, #text, p{  
    color:rgb(222, 205, 74)  
}
```

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(222, 205, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 205, 74) }
```

Border

The CSS property to change the border of an element to XYZ 53.1916, 59.6867, 15.1957 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(222, 205, 74) }
```


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

```
.border{ border-color:rgb(222, 205, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 205, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 205, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 205, 74);  
box-shadow:4px 4px 4px 4px rgb(222, 205,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1916, 59.6867, 15.1957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 205, 74) }
```

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

```
.background{ background-color: rgb(222,  
205, 74) }
```

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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