

Converting Colors

XYZ(50.5183, 59.8257, 13.6748)

Have a look what the booklet for
XYZ(50.5183, 59.8257, 13.6748)
contains.

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Color

**XYZ(50.5898, 59.8200,
13.7305)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D140
RGB	211, 209, 64
RGB Percent	83%, 82%, 25%
CMY	0.1726, 0.1804, 0.7490
CMYK	0.00, 0.01, 0.70, 0.17
HSL	59°, 63%, 54%
HSV	59°, 70%, 83%
XYZ	50.5898, 59.8200, 13.7305
YIQ	193.0680, 47.7370, -44.6710

Conversions

Conversions Part 2

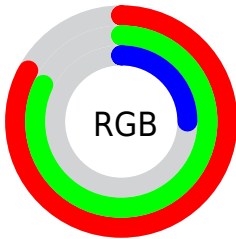
Format	Color
RYB	66, 211, 64
Decimal	13881664
CIELab	81.74, -16.09, 68.22
CIELCh	82, 70.095, 103.267
Yxy	59.8200, 0.4075, 0.4819
Android (android.graphics.Color)	4292071744 (0xFFD3D140)
YUV	193.0680, -63.6305, 15.7264
Hunter-Lab	77.3434, -18.5953, 43.6148

Details

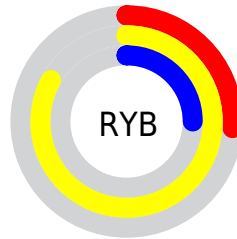
The XYZ color **50.5898, 59.8200, 13.7305** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **15.8205, 9.6895, 62.6639**, and the grayscale version is **51.0729, 53.7327, 58.5149**.

A 20% lighter version of the original color is **80.3902, 94.1361, 31.7024**, and **24.8582, 30.2150, 4.5219** is the 20% darker color. If you saturate the color by 10%, you get **50.0298, 59.4860, 11.1215**, and if you desaturate by 10%, it is **51.3798, 60.2506, 17.5377**.

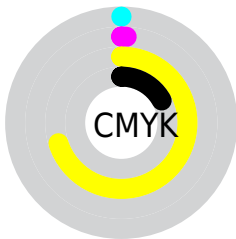
Distribution



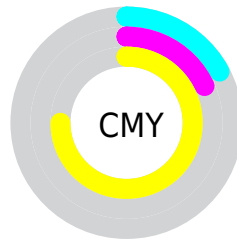
- Red (83%)
- Green (82%)
- Blue (25%)



- Red (26%)
- Yellow (83%)
- Blue (25%)



- Cyan (0%)
- Magenta (1%)
- Yellow (70%)
- Black (17%)



- Cyan (17%)
- Magenta (18%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.5898, 59.8200, 13.7305 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 50.5898, 59.8200, 13.7305 by changing the saturation by 10% instead.

■ 50.5898, 59.8200,
13.7305

■ 50.5898, 59.8200,
13.7305

379.3819,
423.9340, 226.9176

■ 36.1020, 43.2736,
7.7969

■ 90.2347, 104.5685,
33.3203

■ 24.6834, 30.0998,
3.8793

■ 116.1226,
133.5394, 47.8135

■ 15.9688, 19.9144,
1.5594

■ 146.5411,
167.4205, 65.9970

■ 9.5928, 12.3328,
0.2616

■ 181.8557,
206.5963, 88.2893

■ 5.1900, 6.9708,
0.0000

■ 222.4317,
251.4512, 115.1090

■ 2.3951, 3.4438,
0.0000

268.6346,

■ 0.8427, 1.3676,

302.3695, 146.8746

0.0000

320.8295,
359.7356, 184.0046

■ 0.0000, 0.1927,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.5898, 59.8200,
13.7305

■ 50.5898, 59.8200,
13.7305

■ 50.0298, 59.4860,
11.1215

■ 51.3798, 60.2506,
17.5377

■ 49.6684, 59.2294,
9.5639

■ 52.4185, 60.7788,
22.6603

■ 49.4594, 59.0340,
8.8082

■ 53.7275, 61.4152,
29.2055

■ 49.4532, 59.0278,
8.7870

■ 55.3248, 62.1672,
37.2687

■ 57.2271, 63.0413,
46.9369

■ 59.4496, 64.0438,
58.2906

■ 62.0065, 65.1802,
71.4049

■ 64.9113, 66.4559,
86.3503

■ 68.1766, 67.8761,
103.1935

Harmonies

Analogous

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



65.4257, 59.8200, 14.1861



50.5898, 59.8200, 13.7305



39.5396, 59.8200, 22.0661

Triad

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



50.5898, 59.8200, 13.7305



38.5944, 59.8200, 138.2322



88.5956, 59.8200, 91.4489

Complementary

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



50.5898, 59.8200, 13.7305



15.8205, 9.6895, 62.6639

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.



78.6110, 59.8200, 144.0529



50.5898, 59.8200, 13.7305



49.0714, 59.8200, 178.0915

Square

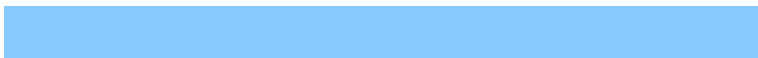
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50.5898, 59.8200, 13.7305



33.4665, 59.8200, 85.6232



63.6218, 59.8200, 180.5910



89.1940, 59.8200, 48.2054

Rectangle

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



50.5898, 59.8200, 13.7305



35.0906, 59.8200, 34.9868



63.6218, 59.8200, 180.5910



86.1563, 59.8200, 108.9628

Sweetspot

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



50.5912, 59.8228, 13.7317



87.3644, 96.5558, 69.5688



29.6942, 17.9148, 7.1177



18.5193, 20.5844, 13.9731



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.



50.5912, 59.8228, 13.7317



76.4771, 91.0994, 15.6327



35.0267, 52.5296, 13.1443



12.7891, 13.7690, 12.5957



29.8519, 35.6367, 5.3052



1.6736, 2.0016, 0.2981

Inverse Universe

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



15.8205, 9.6895, 62.6639



19.8462, 9.4667, 95.3890



23.5915, 13.5257, 62.9948



11.1764, 11.4430, 14.8633



7.1206, 2.8879, 37.3746



0.4028, 0.1707, 2.0913

Previews

White Background



This preview shows how the XYZ color 50.5898, 59.8200, 13.7305 looks on a white background.

Color Contrast Check

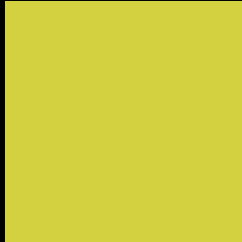
Large Text (above 18pt) WCAG AA × Fail

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 50.5898, 59.8200, 13.7305 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 50.5898, 59.8200, 13.7305

Background



This preview shows how black text looks on a background with the XYZ color 50.5898, 59.8200, 13.7305.



This preview shows how white text looks on a background with the XYZ color 50.5898, 59.8200,

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

50.5898, 59.8200, 13.7305

Protanopia

54.2480, 59.5647, 13.3406

Deuteranopia

61.0485, 59.6530, 14.0909



Tritanopia

61.8884, 59.5307, 69.2015

Trichromacy



Original Color

50.5898, 59.8200, 13.7305

Protanomaly

52.8527, 59.5511, 13.4115

Deuteranomaly

56.7267, 59.4413, 13.9523

Tritanomaly

55.9535, 58.8029, 40.2993

Monochromacy



Original Color

50.5898, 59.8200, 13.7305

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

49.4311, 55.2015, 35.2438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5898, 59.8200, 13.7305 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(211, 209, 64)` looks like.

```
.text, #text, p{  
    color:rgb(211, 209, 64)  
}
```

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(211, 209, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 209, 64) }
```

Border

The CSS property to change the border of an element to XYZ 50.5898, 59.8200, 13.7305 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(211, 209, 64) }
```


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

```
.border{ border-color:rgb(211, 209, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 209, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 209, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 209, 64);  
box-shadow:4px 4px 4px 4px rgb(211, 209,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5898, 59.8200, 13.7305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 209, 64) }
```

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

```
.background{ background-color: rgb(211,  
209, 64) }
```

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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