

Converting Colors

XYZ(51.9480, 58.7843, 31.4604)

Have a look what the booklet for
XYZ(51.9480, 58.7843, 31.4604)
contains.

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Color

**XYZ(51.9366, 58.6773,
31.5102)**

Conversions

Conversions Part 1

Format	Color
Hex	CFCD87
RGB	207, 205, 135
RGB Percent	81%, 80%, 53%
CMY	0.1882, 0.1961, 0.4706
CMYK	0.00, 0.01, 0.35, 0.19
HSL	58°, 43%, 67%
HSV	58°, 35%, 81%
XYZ	51.9366, 58.6773, 31.5102
YIQ	197.6180, 23.6620, -21.3460

Conversions

Conversions Part 2

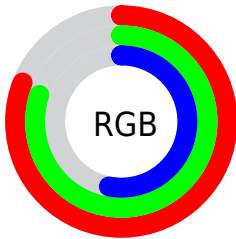
Format	Color
R_{YB}	137, 207, 135
Decimal	13618567
CIE Lab	81.11, -9.82, 35.15
CIE LCh	81, 36.494, 105.613
Yxy	58.6773, 0.3654, 0.4129
Android (android.graphics.Color)	4291808647 (0xFFCFCD87)
YUV	197.6180, -30.8707, 8.2280
Hunter-Lab	76.6011, -13.0265, 29.2316

Details

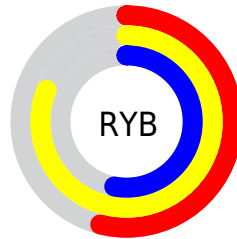
The XYZ color **51.9366, 58.6773, 31.5102** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.1997, 27.5465, 62.7568**, and the grayscale version is **53.6172, 56.4094, 61.4299**.

A 20% lighter version of the original color is **86.1853, 96.4541, 62.2192**, and **25.6157, 29.4487, 12.7216** is the 20% darker color. If you saturate the color by 10%, you get **50.4823, 57.8786, 24.5209**, and if you desaturate by 10%, it is **53.6777, 59.5957, 39.9945**.

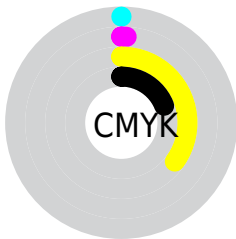
Distribution



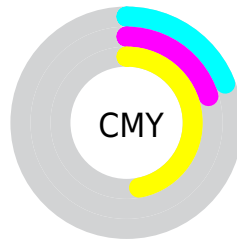
- Red (81%)
- Green (80%)
- Blue (53%)



- Red (54%)
- Yellow (81%)
- Blue (53%)



- Cyan (0%)
- Magenta (1%)
- Yellow (35%)
- Black (19%)



- Cyan (19%)
- Magenta (20%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.9366, 58.6773, 31.5102 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 51.9366, 58.6773, 31.5102 by changing the saturation by 10% instead.

■ 51.9366, 58.6773,
31.5102

■ 51.9366, 58.6773,
31.5102

384.5198,
419.7050, 323.3057

■ 37.1786, 42.3534,
20.7259

■ 92.2125, 102.9085,
63.1314

■ 25.5201, 29.3781,
12.7345

■ 118.4611,
131.5846, 84.8054

■ 16.5958, 19.3670,
7.1174

■ 149.2707,
165.1469, 110.9465

■ 10.0402, 11.9358,
3.4561

185.0065,
203.9798, 141.9731

■ 5.4881, 6.7000,
1.3320

226.0340,
248.4676, 178.3037

■ 2.5741, 3.2752,
0.0878

272.7185,

■ 0.9328, 1.2770,

298.9948, 220.3570

0.0000

325.4253,
355.9458, 268.5515

■ 0.0000, 0.1233,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.9366, 58.6773,
31.5102

■ 51.9366, 58.6773,
31.5102

■ 50.4823, 57.8786,
24.5209

■ 53.6777, 59.5957,
39.9945

■ 49.2939, 57.1849,
18.9361

■ 55.7165, 60.6319,
50.0498

■ 48.3548, 56.5918,
14.6611

■ 58.0683, 61.7942,
61.7517

■ 47.6444, 56.0909,
11.5883

■ 60.7465, 63.0878,
75.1695

■ 47.1391, 55.6729,
9.5928

■ 63.7635, 64.5177,
90.3688

■ 46.8099, 55.3262,
8.5225

■ 66.4469, 65.8150,
103.8092

■ 46.6807, 55.1626,
8.1871

■ 66.5874, 66.0959,
103.8560

■ 66.7284, 66.3779,
103.9030

■ 66.8698, 66.6608,
103.9501

Harmonies

Analogous

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



59.4746, 58.6773, 31.3661



51.9366, 58.6773, 31.5102



45.9828, 58.6773, 38.8962

Triad

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



51.9366, 58.6773, 31.5102



46.1771, 58.6773, 98.6351



71.1272, 58.6773, 74.8421

Complementary

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



51.9366, 58.6773, 31.5102



30.1997, 27.5465, 62.7568

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.



66.8581, 58.6773, 97.7936



51.9366, 58.6773, 31.5102



52.2245, 58.6773, 113.4994

Square

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



51.9366, 58.6773, 31.5102



42.8690, 58.6773, 75.8052



59.7897, 58.6773, 113.1606



71.0323, 58.6773, 53.2930

Rectangle

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



51.9366, 58.6773, 31.5102



43.5127, 58.6773, 48.1461



59.7897, 58.6773, 113.1606



70.1392, 58.6773, 82.7378

Sweetspot

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



51.9381, 58.6800, 31.5114



90.9878, 98.0152, 88.6186



38.9407, 32.4117, 28.0221



19.3620, 20.9232, 18.4058



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.



51.9381, 58.6800, 31.5114



81.3982, 93.0365, 41.6432



44.0085, 55.3050, 31.2779



12.7742, 13.7391, 12.5907



29.4231, 34.7792, 5.1623



1.6542, 1.9627, 0.2917

Inverse Universe

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



30.1997, 27.5465, 62.7568



41.2899, 35.5970, 99.3024



36.2035, 30.2245, 62.9572



11.1896, 11.4694, 14.8677



7.1465, 2.9396, 37.3832



0.4090, 0.1832, 2.0934

Previews

White Background



This preview shows how the XYZ color 51.9366, 58.6773, 31.5102 looks on a white background.

Color Contrast Check

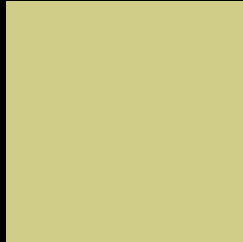
Large Text (above 18pt) WCAG AA × Fail

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 51.9366, 58.6773, 31.5102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

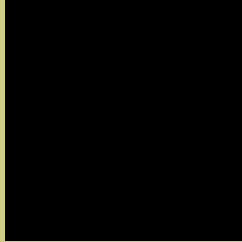
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

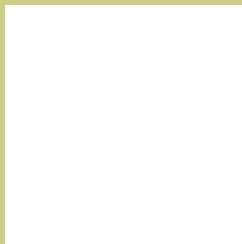
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.9366, 58.6773, 31.5102

Background



This preview shows how black text looks on a background with the XYZ color 51.9366, 58.6773, 31.5102.



This preview shows how white text looks on a background with the XYZ color 51.9366, 58.6773,

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

51.9366, 58.6773, 31.5102

Protanopia

54.0337, 58.3722, 30.6094

Deuteranopia

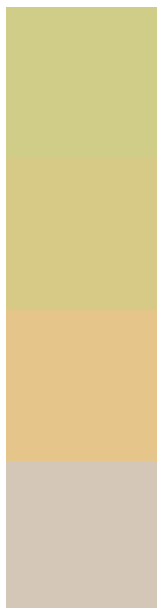
59.9330, 58.6757, 32.2115



Tritanopia

59.8167, 58.7819, 69.8214

Trichromacy



Original Color

51.9366, 58.6773, 31.5102

Protanomaly

53.1552, 58.2584, 30.9977

Deuteranomaly

56.7947, 58.3967, 31.9452

Tritanomaly

56.4112, 58.4119, 53.1012

Monochromacy



Original Color

51.9366, 58.6773, 31.5102

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.7119, 57.2859, 48.8365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9366, 58.6773, 31.5102 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(207, 205, 135)` looks like.

```
.text, #text, p{  
    color:rgb(207, 205, 135)  
}
```

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(207, 205, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 205, 135) }
```

Border

The CSS property to change the border of an element to XYZ 51.9366, 58.6773, 31.5102 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(207, 205, 135) }
```


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

```
.border{ border-color:rgb(207, 205, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 205, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 205, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 205, 135);  
box-shadow:4px 4px 4px 4px rgb(207, 205,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9366, 58.6773, 31.5102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 205, 135) }
```

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

```
.background{ background-color: rgb(207,  
205, 135) }
```

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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