

Converting Colors

XYZ(50.6210, 57.3680, 18.7754)

Have a look what the booklet for
XYZ(50.6210, 57.3680, 18.7754)
contains.

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Color

**XYZ(50.5369, 57.1775,
18.7287)**

Conversions

Conversions Part 1

Format	Color
Hex	D5CA5D
RGB	213, 202, 93
RGB Percent	84%, 79%, 36%
CMY	0.1647, 0.2078, 0.6353
CMYK	0.00, 0.05, 0.56, 0.16
HSL	55°, 59%, 60%
HSV	55°, 56%, 84%
XYZ	50.5369, 57.1775, 18.7287
YIQ	192.8630, 41.5450, -31.5670

Conversions

Conversions Part 2

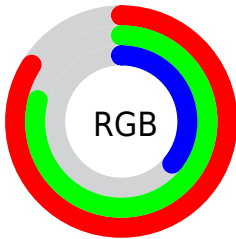
Format	Color
R _{YB}	105, 213, 93
Decimal	14010973
CIE _{Lab}	80.28, -9.93, 54.77
CIE _{LCh}	80, 55.664, 100.276
Yxy	57.1775, 0.3997, 0.4522
Android (android.graphics.Color)	4292201053 (0xFFD5CA5D)
YUV	192.8630, -49.2325, 17.6601
Hunter-Lab	75.6158, -13.0294, 38.2460

Details

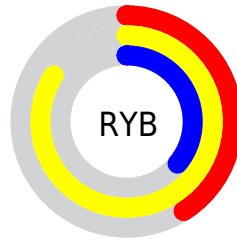
The XYZ color **50.5369, 57.1775, 18.7287** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **21.4747, 17.0314, 65.1061**, and the grayscale version is **50.8724, 53.5217, 58.2851**.

A 20% lighter version of the original color is **82.2665, 94.8866, 41.5828**, and **24.6664, 28.3942, 6.1000** is the 20% darker color. If you saturate the color by 10%, you get **49.2673, 55.9437, 14.2818**, and if you desaturate by 10%, it is **52.0777, 58.5333, 24.5634**.

Distribution



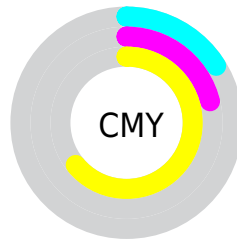
- Red (84%)
- Green (79%)
- Blue (36%)



- Red (41%)
- Yellow (84%)
- Blue (36%)



- Cyan (0%)
- Magenta (5%)
- Yellow (56%)
- Black (16%)



- Cyan (16%)
- Magenta (21%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.5369, 57.1775, 18.7287 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 50.5369, 57.1775, 18.7287 by changing the saturation by 10% instead.

■ 50.5369, 57.1775,
18.7287

■ 50.5369, 57.1775,
18.7287

379.1792,
414.1141, 257.3195

■ 36.0597, 41.1478,
11.2996

■ 90.1569, 100.7241,
42.1057

■ 24.6507, 28.4346,
6.1520

■ 116.0305,
129.0098, 58.8907

■ 15.9443, 18.6535,
2.8675

■ 146.4336,
162.1496, 79.6314

■ 9.5754, 11.4202,
1.0274

■ 181.7316,
200.5279, 104.7464

■ 5.1784, 6.3502,
0.0000

222.2898,
244.5291, 134.6541

■ 2.3882, 3.0592,
0.0000

268.4735,

■ 0.8392, 1.1627,

294.5376, 169.7732

0.0000

320.6482,
350.9378, 210.5222

■ 0.0000, 0.0309,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.5369, 57.1775,
18.7287

■ 50.5369, 57.1775,
18.7287

■ 49.2673, 55.9437,
14.2818

■ 52.0777, 58.5333,
24.5634

■ 48.2425, 54.8150,
11.1011


■ 53.9056, 60.0110,
31.8871


■ 47.4376, 53.7834,
9.0501


■ 56.0398, 61.6207,
40.7952


■ 46.8195, 52.8357,
7.9547


■ 58.4969, 63.3688,
51.3747


 46.6178, 52.5007,
7.6766

 61.2921, 65.2616,
63.7058

 64.4398, 67.3048,
77.8638

 67.9533, 69.5039,
93.9195

 70.4628, 71.3108,
104.6583

 70.9707, 72.3266,
104.8276

Harmonies

Analogous

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



62.0648, 57.1775, 19.9531



50.5369, 57.1775, 18.7287



41.3986, 57.1775, 25.6563

Triad

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



50.5369, 57.1775, 18.7287



39.3105, 57.1775, 112.1561



77.6394, 57.1775, 85.8752

Complementary

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



50.5369, 57.1775, 18.7287



21.4747, 17.0314, 65.1061

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.



69.7441, 57.1775, 123.3054



50.5369, 57.1775, 18.7287



47.2943, 57.1775, 141.7789

Square

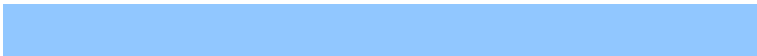
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50.5369, 57.1775, 18.7287



35.5429, 57.1775, 74.1110



58.3408, 57.1775, 146.4505



78.8278, 57.1775, 51.7389

Rectangle

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



50.5369, 57.1775, 18.7287



37.4807, 57.1775, 36.0806



58.3408, 57.1775, 146.4505



75.6346, 57.1775, 98.7583

Sweetspot

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



50.5383, 57.1802, 18.7299



87.5856, 95.0079, 75.7782



33.9050, 22.9953, 16.0169



18.5797, 20.2185, 15.4937



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.



50.5383, 57.1802, 18.7299



73.6475, 83.6624, 20.1699



41.2874, 56.3781, 19.0626



13.3710, 14.3163, 13.2193



28.5161, 32.1493, 4.7025



1.7490, 1.9972, 0.2933

Inverse Universe

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



21.4747, 17.0314, 65.1061



25.8148, 17.6356, 96.6512



26.9096, 18.2962, 65.0638



11.8332, 12.1898, 15.6667



7.5166, 3.2949, 38.6930



0.4856, 0.2632, 2.3445

Previews

White Background



This preview shows how the XYZ color 50.5369, 57.1775, 18.7287 looks on a white background.

Color Contrast Check

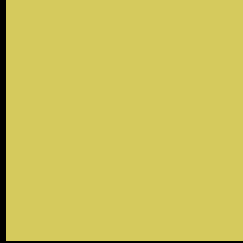
Large Text (above 18pt) WCAG AA × Fail

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 50.5369, 57.1775, 18.7287 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 50.5369, 57.1775, 18.7287

Background



This preview shows how black text looks on a background with the XYZ color 50.5369, 57.1775, 18.7287.



This preview shows how white text looks on a background with the XYZ color 50.5369, 57.1775,

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

50.5369, 57.1775, 18.7287

Protanopia

52.1740, 56.9917, 18.3759

Deuteranopia

58.1810, 57.0839, 19.0182



Tritanopia

60.1734, 57.0820, 65.6041

Trichromacy



Original Color

50.5369, 57.1775, 18.7287

Protanomaly

51.4995, 56.9867, 18.4104

Deuteranomaly

54.9616, 56.7334, 18.8803

Tritanomaly

55.5078, 56.4796, 43.0980

Monochromacy



Original Color

50.5369, 57.1775, 18.7287

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

49.6451, 54.1935, 39.7421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5369, 57.1775, 18.7287 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(213, 202, 93)` looks like.

```
.text, #text, p{  
    color:rgb(213, 202, 93)  
}
```

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(213, 202, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 202, 93) }
```

Border

The CSS property to change the border of an element to XYZ 50.5369, 57.1775, 18.7287 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(213, 202, 93) }
```


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

```
.border{ border-color:rgb(213, 202, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 202, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 202, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 202, 93);  
box-shadow:4px 4px 4px 4px rgb(213, 202,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5369, 57.1775, 18.7287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 202, 93) }
```

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

```
.background{ background-color: rgb(213,  
202, 93) }
```

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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