

Converting Colors

XYZ(50.3338, 59.5947, 27.9191)

Have a look what the booklet for
XYZ(50.3338, 59.5947, 27.9191)
contains.

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Color

**XYZ(50.5041, 59.8278,
27.9548)**

Conversions

Conversions Part 1

Format	Color
Hex	C8D27C
RGB	200, 210, 124
RGB Percent	78%, 82%, 49%
CMY	0.2157, 0.1764, 0.5137
CMYK	0.05, 0.00, 0.41, 0.18
HSL	67°, 49%, 65%
HSV	67°, 41%, 82%
XYZ	50.5041, 59.8278, 27.9548
YIQ	197.2060, 21.6460, -28.8660

Conversions

Conversions Part 2

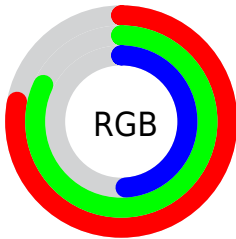
Format	Color
RYB	124, 210, 134
Decimal	13161084
CIELab	81.74, -16.33, 41.41
CIElCh	82, 44.515, 111.525
Yxy	59.8278, 0.3652, 0.4326
Android (android.graphics.Color)	4291351164 (0xFFC8D27C)
YUV	197.2060, -36.0906, 2.4503
Hunter-Lab	77.3484, -18.8095, 32.7157

Details

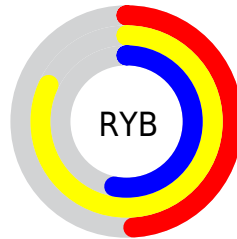
The XYZ color **50.5041, 59.8278, 27.9548** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **28.6742, 24.1383, 64.1241**, and the grayscale version is **53.3988, 56.1797, 61.1797**.

A 20% lighter version of the original color is **85.0359, 95.9944, 56.1664**, and **24.7681, 30.2777, 10.8421** is the 20% darker color. If you saturate the color by 10%, you get **48.6682, 59.0208, 21.6595**, and if you desaturate by 10%, it is **52.6362, 60.7587, 35.7426**.

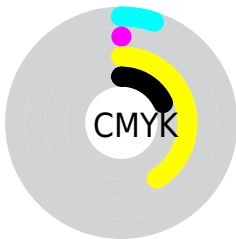
Distribution



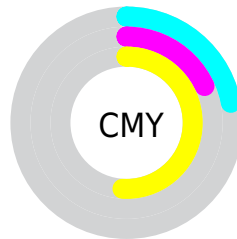
- Red (78%)
- Green (82%)
- Blue (49%)



- Red (49%)
- Yellow (82%)
- Blue (53%)



- Cyan (5%)
- Magenta (0%)
- Yellow (41%)
- Black (18%)



- Cyan (22%)
- Magenta (18%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.5041, 59.8278, 27.9548 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 50.5041, 59.8278, 27.9548 by changing the saturation by 10% instead.

■ 50.5041, 59.8278,
27.9548

■ 50.5041, 59.8278,
27.9548

379.0535,
423.9628, 306.1560

■ 36.0335, 43.2799,
18.0528

■ 90.1087, 104.5798,
57.4345

■ 24.6303, 30.1048,
10.8181

■ 115.9734,
133.5527, 77.8493

■ 15.9291, 19.9181,
5.8320

■ 146.3669,
167.4360, 102.6055

■ 9.5645, 12.3355,
2.6761

181.6546,
206.6141, 132.1216

■ 5.1712, 6.9726,
0.9313

222.2017,
251.4715, 166.8162

■ 2.3839, 3.4450,
0.0000

268.3737,

■ 0.8371, 1.3682,

302.3924, 207.1078

0.0000

320.5358,
359.7614, 253.4148

■ 0.0000, 0.1931,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.5041, 59.8278,
27.9548

■ 50.5041, 59.8278,
27.9548

■ 48.6682, 59.0208,
21.6595

■ 52.6362, 60.7587,
35.7426

■ 47.1060, 58.3223,
16.7575


■ 55.0766, 61.8121,
45.1061


■ 45.7987, 57.7270,
13.1436


■ 57.8423, 62.9968,
56.1269


■ 44.7230, 57.2255,
10.6960

■ 60.9473, 64.3184,
68.8798

 43.8514, 56.8068,
9.2697


 64.4051, 65.7824,
83.4352

 43.1942, 56.4817,
8.6255

 68.2284, 67.3938,
99.8593

 69.7435, 68.0832,
104.0732

 70.4757, 68.4606,
104.1075

 71.2186, 68.8436,
104.1423

Harmonies

Analogous

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



59.5624, 59.8278, 26.2625



50.5041, 59.8278, 27.9548



43.8884, 59.8278, 38.0144

Triad

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



50.5041, 59.8278, 27.9548



46.3713, 59.8278, 114.4891



76.6203, 59.8278, 73.0497

Complementary

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



50.5041, 59.8278, 27.9548



28.6742, 24.1383, 64.1241

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.



72.1752, 59.8278, 102.8266



50.5041, 59.8278, 27.9548



54.2494, 59.8278, 130.7009

Square

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



50.5041, 59.8278, 27.9548



41.6911, 59.8278, 85.9779



63.7377, 59.8278, 125.9294



75.3341, 59.8278, 47.9781

Rectangle

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



50.5041, 59.8278, 27.9548



41.4248, 59.8278, 50.1155



63.7377, 59.8278, 125.9294



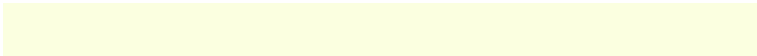
75.7307, 59.8278, 82.9076

Sweetspot

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



50.5056, 59.8305, 27.9561



89.2113, 97.5146, 84.9260



38.5513, 31.8242, 23.1803



18.9690, 20.8183, 17.6707



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.



50.5056, 59.8305, 27.9561



75.8854, 91.7396, 34.8446



40.8662, 54.8612, 27.5049



12.6624, 13.7249, 12.5938



26.4015, 34.4795, 5.2637



1.5155, 1.9481, 0.2961

Inverse Universe

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



28.6742, 24.1383, 64.1241



37.6436, 29.1808, 98.2562



36.6566, 28.2533, 64.4977



11.2896, 11.4826, 14.8650



7.3759, 2.9827, 37.3795



0.4562, 0.1893, 2.0921

Previews

White Background



This preview shows how the XYZ color 50.5041, 59.8278, 27.9548 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 50.5041, 59.8278, 27.9548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

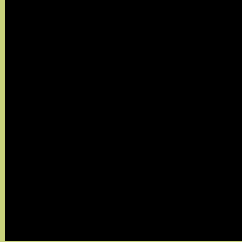
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5041, 59.8278, 27.9548

Background



This preview shows how black text looks on a background with the XYZ color 50.5041, 59.8278, 27.9548.



This preview shows how white text looks on a background with the XYZ color 50.5041, 59.8278,

27.9548.

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

50.5041, 59.8278, 27.9548

Protanopia

54.9313, 59.6219, 26.7022

Deuteranopia

60.8443, 59.5546, 28.7104



Tritanopia

59.5531, 59.6020, 72.6555

Trichromacy



Original Color

50.5041, 59.8278, 27.9548

Protanomaly

53.3157, 59.8439, 27.1533

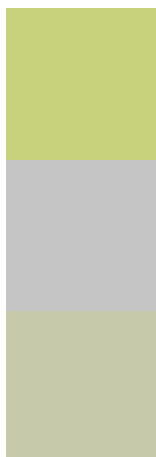
Deuteranomaly

56.7981, 59.4989, 28.5695

Tritanomaly

55.5316, 59.3547, 52.7857

Monochromacy



Original Color

50.5041, 59.8278, 27.9548

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

51.6649, 57.1491, 46.3381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5041, 59.8278, 27.9548 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(200, 210, 124)` looks like.

```
.text, #text, p{  
    color:rgb(200, 210, 124)  
}
```

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(200, 210, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 210, 124) }
```

Border

The CSS property to change the border of an element to XYZ 50.5041, 59.8278, 27.9548 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(200, 210, 124) }
```


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

```
.border{ border-color:rgb(200, 210, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 210, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 210, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 210, 124);  
box-shadow:4px 4px 4px 4px rgb(200, 210,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5041, 59.8278, 27.9548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 210, 124) }
```

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

```
.background{ background-color: rgb(200,  
210, 124) }
```

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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