

Converting Colors

XYZ(51.0168, 60.3182, 28.8274)

Have a look what the booklet for
XYZ(51.0168, 60.3182, 28.8274)
contains.

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Color

**XYZ(51.1476, 60.5124,
28.7230)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D37E
RGB	201, 211, 126
RGB Percent	79%, 83%, 49%
CMY	0.2118, 0.1725, 0.5059
CMYK	0.05, 0.00, 0.40, 0.17
HSL	67°, 49%, 66%
HSV	67°, 40%, 83%
XYZ	51.1476, 60.5124, 28.7230
YIQ	198.3200, 21.3250, -28.5550

Conversions

Conversions Part 2

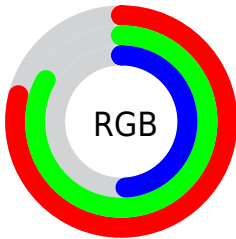
Format	Color
RYB	126, 211, 136
Decimal	13226878
CIELab	82.12, -16.22, 40.90
CIELCh	82, 43.996, 111.635
Yxy	60.5124, 0.3643, 0.4311
Android (android.graphics.Color)	4291416958 (0xFFC9D37E)
YUV	198.3200, -35.6538, 2.3504
Hunter-Lab	77.7897, -18.7663, 32.5606

Details

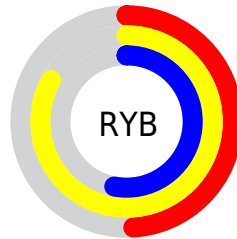
The XYZ color **51.1476, 60.5124, 28.7230** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.3743, 24.8607, 64.8819**, and the grayscale version is **54.0737, 56.8898, 61.9530**.

A 20% lighter version of the original color is **85.2382, 96.0753, 57.2319**, and **25.1810, 30.7329, 11.2615** is the 20% darker color. If you saturate the color by 10%, you get **49.2655, 59.6852, 22.2620**, and if you desaturate by 10%, it is **53.3307, 61.4655, 36.6994**.

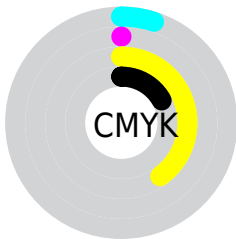
Distribution



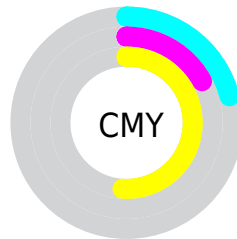
- Red (79%)
- Green (83%)
- Blue (49%)



- Red (49%)
- Yellow (83%)
- Blue (53%)



- Cyan (5%)
- Magenta (0%)
- Yellow (40%)
- Black (17%)



- Cyan (21%)
- Magenta (17%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.1476, 60.5124, 28.7230 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 51.1476, 60.5124, 28.7230 by changing the saturation by 10% instead.

■ 51.1476, 60.5124,
28.7230

■ 51.1476, 60.5124,
28.7230

381.5152,
426.4839, 309.9257

■ 36.5476, 43.8318,
18.6276

■ 91.0546, 105.5726,
58.6736

■ 25.0295, 30.5383,
11.2274

■ 117.0923,
134.7210, 79.3659

■ 16.2279, 20.2475,
6.1039

■ 147.6733,
168.7941, 104.4276

■ 9.7774, 12.5751,
2.8386

183.1630,
208.1763, 134.2772

■ 5.3128, 7.1366,
1.0128

223.9267,
253.2519, 169.3333

■ 2.4685, 3.5477,
0.0000

270.3297,

■ 0.8794, 1.4239,

304.4055, 210.0144

0.0000

322.7374,
362.0214, 256.7390

■ 0.0000, 0.2342,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.1476, 60.5124,
28.7230

■ 51.1476, 60.5124,
28.7230

■ 49.2655, 59.6852,
22.2620

■ 53.3307, 61.4655,
36.6994

■ 47.6616, 58.9683,
17.2168


■ 55.8270, 62.5431,
46.2749


■ 46.3171, 58.3565,
13.4817


■ 58.6534, 63.7539,
57.5318

■ 45.2088, 57.8404,
10.9347

■ 61.8242, 65.1037,
70.5452

 44.3091, 57.4089,
9.4311

 65.3529, 66.5980,
85.3862

 43.5864, 57.0515,
8.7148

 69.2524, 68.2419,
102.1216

 70.3744, 68.7761,
104.1737

 71.1245, 69.1628,
104.2088

 71.8858, 69.5552,
104.2445

Harmonies

Analogous

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



60.1662, 60.5124, 26.9912



51.1476, 60.5124, 28.7230



44.5577, 60.5124, 38.8539

Triad

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



51.1476, 60.5124, 28.7230



47.0780, 60.5124, 114.9741



77.1651, 60.5124, 73.6527

Complementary

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



51.1476, 60.5124, 28.7230



29.3743, 24.8607, 64.8819

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.



72.7688, 60.5124, 103.2226



51.1476, 60.5124, 28.7230



54.9433, 60.5124, 130.9588

Square

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



51.1476, 60.5124, 28.7230



42.3911, 60.5124, 86.7174



64.3905, 60.5124, 126.1578



75.8664, 60.5124, 48.6930

Rectangle

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



51.1476, 60.5124, 28.7230



42.1058, 60.5124, 50.9818



64.3905, 60.5124, 126.1578



76.2887, 60.5124, 83.4480

Sweetspot

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



51.1491, 60.5151, 28.7243



89.1962, 97.5068, 84.9253



39.4244, 32.9418, 24.0200



18.9654, 20.8165, 17.6705



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.



51.1491, 60.5151, 28.7243



76.1029, 91.8317, 35.7599



41.2779, 55.4264, 28.2623



12.6607, 13.7241, 12.5938



26.3597, 34.4579, 5.2617



1.5135, 1.9471, 0.2961

Inverse Universe

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



29.3743, 24.8607, 64.8819



38.4167, 30.0894, 98.3908



37.6766, 29.1406, 65.2704



11.2911, 11.4834, 14.8651



7.3805, 2.9851, 37.3797



0.4569, 0.1897, 2.0921

Previews

White Background



This preview shows how the XYZ color 51.1476, 60.5124, 28.7230 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 51.1476, 60.5124, 28.7230 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 51.1476, 60.5124, 28.7230

Background



This preview shows how black text looks on a background with the XYZ color 51.1476, 60.5124, 28.7230.



This preview shows how white text looks on a background with the XYZ color 51.1476, 60.5124,

28.7230.

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

51.1476, 60.5124, 28.7230

Protanopia

55.5994, 60.3038, 27.4483

Deuteranopia

61.5504, 60.2347, 29.5015



Tritanopia

60.2003, 60.2635, 73.4249

Trichromacy



Original Color

51.1476, 60.5124, 28.7230

Protanomaly

53.9752, 60.5280, 27.9070

Deuteranomaly

57.4822, 60.1813, 29.3554

Tritanomaly

56.1525, 60.0145, 53.4242

Monochromacy



Original Color

51.1476, 60.5124, 28.7230

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.3555, 57.8325, 47.4331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1476, 60.5124, 28.7230 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(201, 211, 126)` looks like.

```
.text, #text, p{  
    color:rgb(201, 211, 126)  
}
```

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(201, 211, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 211, 126) }
```

Border

The CSS property to change the border of an element to XYZ 51.1476, 60.5124, 28.7230 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(201, 211, 126) }
```


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

```
.border{ border-color:rgb(201, 211, 126) }
```

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

Here you see how a box with a 4 pixel rgb(201, 211, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 211, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 211, 126);  
box-shadow:4px 4px 4px 4px rgb(201, 211,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1476, 60.5124, 28.7230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 211, 126) }
```

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

```
.background{ background-color: rgb(201,  
211, 126) }
```

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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