

Converting Colors

XYZ(51.9704, 60.6043, 28.2092)

Have a look what the booklet for
XYZ(51.9704, 60.6043, 28.2092)
contains.

XYZ(51.9251, 60.5530, 28.3532)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(51.9251, 60.5530,
28.3532)**

Conversions

Conversions Part 1

Format	Color
Hex	CDD27D
RGB	205, 210, 125
RGB Percent	80%, 82%, 49%
CMY	0.1961, 0.1764, 0.5098
CMYK	0.02, 0.00, 0.40, 0.18
HSL	64°, 49%, 66%
HSV	64°, 40%, 82%
XYZ	51.9251, 60.5530, 28.3532
YIQ	198.8150, 24.3050, -27.4950

Conversions

Conversions Part 2

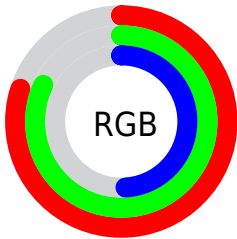
Format	Color
RYB	125, 210, 130
Decimal	13488765
CIELab	82.14, -14.27, 41.49
CIELCh	82, 43.872, 108.976
Yxy	60.5530, 0.3687, 0.4300
Android (android.graphics.Color)	4291678845 (0xFFCDD27D)
YUV	198.8150, -36.3908, 5.4242
Hunter-Lab	77.8158, -17.0678, 32.8680

Details

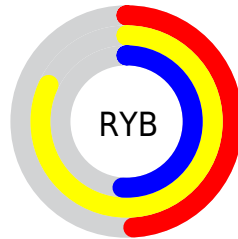
The XYZ color **51.9251, 60.5530, 28.3532** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **28.1746, 24.0677, 64.1369**, and the grayscale version is **54.3793, 57.2113, 62.3031**.

A 20% lighter version of the original color is **85.1367, 96.0347, 56.6972**, and **25.5189, 30.6609, 11.0517** is the 20% darker color. If you saturate the color by 10%, you get **50.3837, 59.8993, 22.0034**, and if you desaturate by 10%, it is **53.7558, 61.3270, 36.1994**.

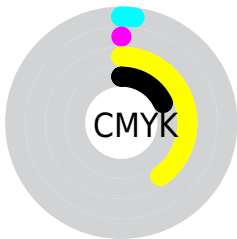
Distribution



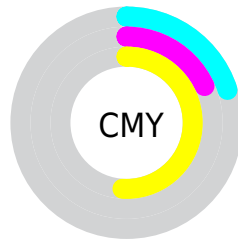
- Red (80%)
- Green (82%)
- Blue (49%)



- Red (49%)
- Yellow (82%)
- Blue (51%)



- Cyan (2%)
- Magenta (0%)
- Yellow (40%)
- Black (18%)



- Cyan (20%)
- Magenta (18%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.9251, 60.5530, 28.3532 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 51.9251, 60.5530, 28.3532 by changing the saturation by 10% instead.

■ 51.9251, 60.5530,
28.3532

■ 51.9251, 60.5530,
28.3532

384.4761,
426.6331, 308.1157

■ 37.1694, 43.8645,
18.3507

■ 92.1956, 105.6314,
58.0777

■ 25.5130, 30.5640,
11.0300

■ 118.4412,
134.7902, 78.6368

■ 16.5904, 20.2671,
5.9726

■ 149.2474,
168.8745, 103.5519

■ 10.0364, 12.5893,
2.7599

184.9797,
208.2688, 133.2415

■ 5.4855, 7.1464,
0.9734

226.0033,
253.3574, 168.1241

■ 2.5725, 3.5538,
0.0000

272.6837,

■ 0.9320, 1.4272,

304.5247, 208.6183

0.0000

325.3862,
362.1551, 255.1427

0.0000, 0.2367,
0.0000

0.0000, 0.0000,
0.0000

51.9251, 60.5530,
28.3532

51.9251, 60.5530,
28.3532

50.3837, 59.8993,
22.0034

53.7558, 61.3270,
36.1994

49.1092, 59.3506,
17.0514


55.8879, 62.2197,
45.6249


48.0829, 58.9014,
13.3924


58.3380, 63.2399,
56.7111


47.2818, 58.5427,
10.9057

61.1203, 64.3934,
69.5324


 46.6788, 58.2634,
9.4475


 64.2481, 65.6853,
84.1590

 46.2416, 58.0526,
8.7681

 67.7340, 67.1208,
100.6572

 68.7293, 67.5604,
104.0258

 69.0909, 67.7468,
104.0427

 69.4552, 67.9346,
104.0597

Harmonies

Analogous

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



61.0465, 60.5530, 27.3174



51.9251, 60.5530, 28.3532



45.0735, 60.5530, 37.6733

Triad

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



51.9251, 60.5530, 28.3532



46.5818, 60.5530, 112.6851



76.9807, 60.5530, 76.2333

Complementary

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



51.9251, 60.5530, 28.3532



28.1746, 24.0677, 64.1369

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.



72.1483, 60.5530, 105.6485



51.9251, 60.5530, 28.3532



54.1969, 60.5530, 130.1689

Square

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



51.9251, 60.5530, 28.3532



42.2262, 60.5530, 84.0537



63.5753, 60.5530, 127.2936



76.2032, 60.5530, 50.6221

Rectangle

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



51.9251, 60.5530, 28.3532



42.4046, 60.5530, 49.1911



63.5753, 60.5530, 127.2936



75.9394, 60.5530, 86.0959

Sweetspot

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



51.9266, 60.5557, 28.3545



89.8490, 97.8434, 84.9559



38.1653, 30.9503, 23.3653



19.1201, 20.8962, 17.6778



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.



51.9266, 60.5557, 28.3545



78.3772, 93.0241, 34.9612



41.9061, 55.3900, 27.8855



12.7318, 13.7607, 12.5971



28.2354, 35.4248, 5.3495



1.6001, 1.9917, 0.3001

Inverse Universe

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



28.1746, 24.0677, 64.1369



36.4228, 28.5515, 98.1990



35.9268, 28.0641, 64.4997



11.2272, 11.4504, 14.8621



7.2199, 2.9023, 37.3722



0.4268, 0.1742, 2.0907

Previews

White Background



This preview shows how the XYZ color 51.9251, 60.5530, 28.3532 looks on a white background.

Color Contrast Check

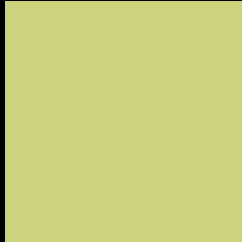
Large Text (above 18pt) WCAG AA × Fail

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 51.9251, 60.5530, 28.3532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

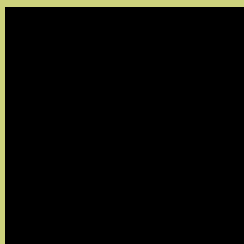
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.9251, 60.5530, 28.3532

Background



This preview shows how black text looks on a background with the XYZ color 51.9251, 60.5530, 28.3532.



This preview shows how white text looks on a background with the XYZ color 51.9251, 60.5530,

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

51.9251, 60.5530, 28.3532

Protanopia

55.5994, 60.3038, 27.4483

Deuteranopia

61.4174, 60.1816, 28.8012



Tritanopia

60.7135, 60.2002, 72.7098

Trichromacy



Original Color

51.9251, 60.5530, 28.3532

Protanomaly

54.0283, 60.1968, 27.8403

Deuteranomaly

57.4400, 59.8298, 28.5996

Tritanomaly

56.6634, 59.9382, 52.8387

Monochromacy



Original Color

51.9251, 60.5530, 28.3532

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

52.8897, 58.1079, 47.4581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9251, 60.5530, 28.3532 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(205, 210, 125)` looks like.

```
.text, #text, p{  
    color:rgb(205, 210, 125)  
}
```

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(205, 210, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 210, 125) }
```

Border

The CSS property to change the border of an element to XYZ 51.9251, 60.5530, 28.3532 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(205, 210, 125) }
```


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

```
.border{ border-color:rgb(205, 210, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 210, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 210, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 210, 125);  
box-shadow:4px 4px 4px 4px rgb(205, 210,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9251, 60.5530, 28.3532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 210, 125) }
```

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

```
.background{ background-color: rgb(205,  
210, 125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor