

Converting Colors

XYZ(53.1027, 59.3411, 28.7338)

Have a look what the booklet for
XYZ(53.1027, 59.3411, 28.7338)
contains.

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Color

**XYZ(53.1027, 59.3411,
28.7338)**

Conversions

Conversions Part 1

Format	Color
Hex	D5CD7F
RGB	213, 205, 127
RGB Percent	84%, 80%, 50%
CMY	0.1647, 0.1961, 0.5020
CMYK	0.00, 0.04, 0.40, 0.16
HSL	54°, 51%, 67%
HSV	54°, 40%, 84%
XYZ	53.1027, 59.3411, 28.7338
YIQ	198.5000, 29.8060, -22.5620

Conversions

Conversions Part 2

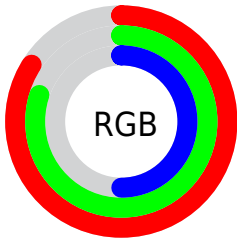
Format	Color
RYB	136, 213, 127
Decimal	14011775
CIELab	81.48, -8.36, 39.78
CIELCh	81, 40.651, 101.865
Yxy	59.3411, 0.3761, 0.4203
Android (android.graphics.Color)	4292201855 (0xFFD5CD7F)
YUV	198.5000, -35.2495, 12.7165
Hunter-Lab	77.0332, -11.7594, 31.8077

Details

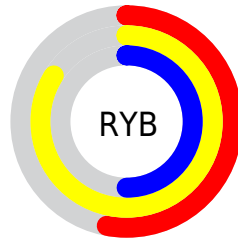
The XYZ color **53.1027, 59.3411, 28.7338** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.4265, 26.6433, 66.5426**, and the grayscale version is **54.1776, 56.9990, 62.0719**.

A 20% lighter version of the original color is **85.3405, 96.1162, 57.7704**, and **26.2757, 29.8231, 11.2090** is the 20% darker color. If you saturate the color by 10%, you get **51.3886, 57.9045, 22.0228**, and if you desaturate by 10%, it is **55.1192, 60.9125, 36.9948**.

Distribution



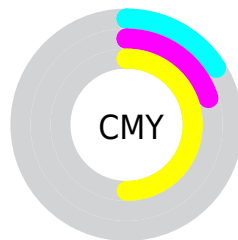
- Red (84%)
- Green (80%)
- Blue (50%)



- Red (53%)
- Yellow (84%)
- Blue (50%)



- Cyan (0%)
- Magenta (4%)
- Yellow (40%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1027, 59.3411, 28.7338 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 53.1027, 59.3411, 28.7338 by changing the saturation by 10% instead.

■ 53.1027, 59.3411,
28.7338

■ 53.1027, 59.3411,
28.7338

388.9334,
422.1648, 309.9784

■ 38.1126, 42.8878,
18.6357

■ 93.9201, 103.8733,
58.6910

■ 26.2477, 29.7971,
11.2332

■ 120.4781,
132.7209, 79.3872

■ 17.1427, 19.6846,
6.1078

■ 151.6228,
166.4687, 104.4531

■ 10.4322, 12.1660,
2.8409

187.7194,
205.5011, 134.3074

■ 5.7509, 6.8568,
1.0140

229.1335,
250.2025, 169.3685

■ 2.7334, 3.3727,
0.0000

276.2303,

■ 1.0144, 1.3293,

300.9574, 210.0550

0.0000

329.3751,
358.1500, 256.7855

■ 0.0000, 0.1637,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.1027, 59.3411,
28.7338

■ 53.1027, 59.3411,
28.7338

■ 51.3886, 57.9045,
22.0228

■ 55.1192, 60.9125,
36.9948

■ 49.9539, 56.5870,
16.7599


■ 57.4508, 62.6175,
46.8916


■ 48.7791, 55.3831,
12.8367


■ 60.1146, 64.4651,
58.5084


■ 47.8406, 54.2831,
10.1282


■ 63.1254, 66.4611,
71.9224


 47.1101, 53.2758,
8.4858


 66.4970, 68.6111,
87.2060

 46.5546, 52.3742,
7.6555

 70.2423, 70.9204,
104.4278

 70.7872, 71.9594,
104.7664

 71.3065, 72.9979,
104.9395

 71.8319, 74.0488,
105.1146

Harmonies

Analogous

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



61.6525, 59.3411, 29.5141



53.1027, 59.3411, 28.7338



46.1670, 59.3411, 35.6085

Triad

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



53.1027, 59.3411, 28.7338



45.0678, 59.3411, 101.2237



73.4334, 59.3411, 80.3319

Complementary

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



53.1027, 59.3411, 28.7338



29.4265, 26.6433, 66.5426

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.



68.0477, 59.3411, 106.1948



53.1027, 59.3411, 28.7338



51.4583, 59.3411, 120.1930

Square

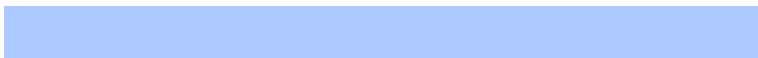
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.1027, 59.3411, 28.7338



41.8502, 59.3411, 74.7389



59.8351, 59.3411, 122.2120



73.9874, 59.3411, 55.4445

Rectangle

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



53.1027, 59.3411, 28.7338



43.1625, 59.3411, 44.9297



59.8351, 59.3411, 122.2120



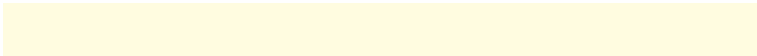
72.1046, 59.3411, 89.3383

Sweetspot

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



53.1042, 59.3438, 28.7350



89.6081, 96.3820, 84.6865



39.4459, 31.0917, 27.0668



19.0630, 20.5497, 17.6139



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.



53.1042, 59.3438, 28.7350



77.6829, 87.4162, 34.8244



46.1235, 58.6571, 28.9704



13.3696, 14.3133, 13.2188



28.4779, 32.0730, 4.6898



1.7471, 1.9933, 0.2927

Inverse Universe

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



29.4265, 26.6433, 66.5426



37.6298, 32.1141, 98.8231



34.3789, 27.6022, 66.4667



11.8345, 12.1925, 15.6672



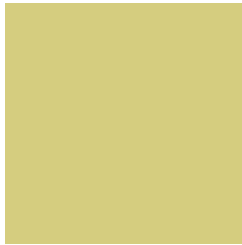
7.5199, 3.3017, 38.6941



0.4862, 0.2645, 2.3447

Previews

White Background



This preview shows how the XYZ color 53.1027, 59.3411, 28.7338 looks on a white background.

Color Contrast Check

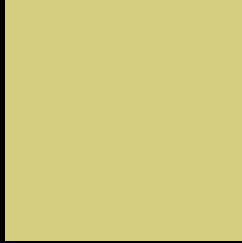
Large Text (above 18pt) WCAG AA × Fail

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 53.1027, 59.3411, 28.7338 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

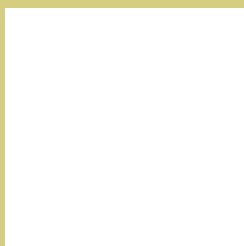
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.1027, 59.3411, 28.7338

Background



This preview shows how black text looks on a background with the XYZ color 53.1027, 59.3411, 28.7338.



This preview shows how white text looks on a background with the XYZ color 53.1027, 59.3411,

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

53.1027, 59.3411, 28.7338

Protanopia

54.7052, 59.1196, 28.2666

Deuteranopia

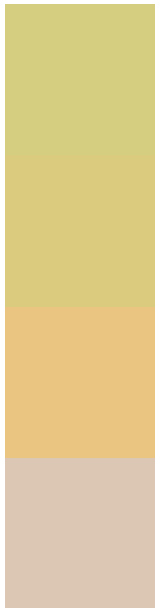
60.4075, 58.9847, 29.3205



Tritanopia

61.2722, 59.2130, 69.1726

Trichromacy



Original Color

53.1027, 59.3411, 28.7338

Protanomaly

54.0353, 59.1237, 28.3027

Deuteranomaly

57.5330, 58.8411, 29.0940

Tritanomaly

57.8751, 59.2022, 51.5568

Monochromacy



Original Color

53.1027, 59.3411, 28.7338

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.3313, 57.6278, 47.8476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1027, 59.3411, 28.7338 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, 205, 127)` looks like.

```
.text, #text, p{  
    color:rgb(213, 205, 127)  
}
```

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, 205, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 205, 127) }
```

Border

The CSS property to change the border of an element to XYZ 53.1027, 59.3411, 28.7338 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, 205, 127) }
```


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

```
.border{ border-color:rgb(213, 205, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 205, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 205, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 205, 127);  
box-shadow:4px 4px 4px 4px rgb(213, 205,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1027, 59.3411, 28.7338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 205, 127) }
```

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

```
.background{ background-color: rgb(213,  
205, 127) }
```

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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