

Converting Colors

XYZ(53.5539, 60.8214, 28.9817)

Have a look what the booklet for
XYZ(53.5539, 60.8214, 28.9817)
contains.

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Color

**XYZ(53.5380, 60.6411,
28.9618)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D07F
RGB	212, 208, 127
RGB Percent	83%, 82%, 50%
CMY	0.1686, 0.1843, 0.5020
CMYK	0.00, 0.02, 0.40, 0.17
HSL	57°, 50%, 66%
HSV	57°, 40%, 83%
XYZ	53.5380, 60.6411, 28.9618
YIQ	199.9620, 28.3850, -24.3430

Conversions

Conversions Part 2

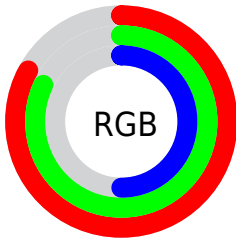
Format	Color
RYB	131, 212, 127
Decimal	13947007
CIELab	82.19, -10.28, 40.66
CIELCh	82, 41.942, 104.190
Yxy	60.6411, 0.3740, 0.4236
Android (android.graphics.Color)	4292137087 (0xFFD4D07F)
YUV	199.9620, -35.9703, 10.5573
Hunter-Lab	77.8724, -13.5563, 32.4599

Details

The XYZ color **53.5380, 60.6411, 28.9618** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **28.7522, 25.4973, 65.6933**, and the grayscale version is **55.0799, 57.9483, 63.1057**.

A 20% lighter version of the original color is **85.3405, 96.1162, 57.7704**, and **26.5704, 30.7009, 11.3629** is the 20% darker color. If you saturate the color by 10%, you get **52.0577, 59.6637, 22.3543**, and if you desaturate by 10%, it is **55.3136, 61.7434, 37.1033**.

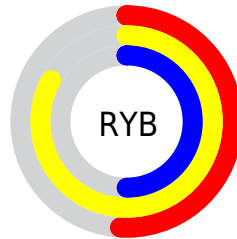
Distribution



Red (83%)

Green (82%)

Blue (50%)



Red (51%)

Yellow (83%)

Blue (50%)

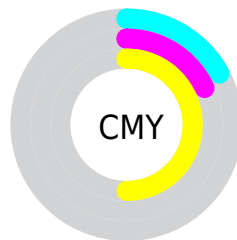


Cyan (0%)

Magenta (2%)

Yellow (40%)

Black (17%)



Cyan (17%)


Magenta (18%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5380, 60.6411, 28.9618 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 53.5380, 60.6411, 28.9618 by changing the saturation by 10% instead.


 53.5380, 60.6411,
28.9618


 53.5380, 60.6411,
28.9618


390.5730,
426.9568, 311.0900


 38.4616, 43.9356,
18.8066


 94.5564, 105.7591,
59.0578

 26.5200, 30.6199,
11.3552


 121.2292,
134.9404, 79.8358

 17.3478, 20.3096,
6.1891


 152.4982,
169.0490, 104.9917

 10.5796, 12.6203,
2.8898

188.7286,
208.4695, 134.9441

 5.8501, 7.1676,
1.0386

230.2860,
253.5861, 170.1116

 2.7939, 3.5671,
0.0000

277.5356,

 1.0458, 1.4345,

304.7832, 210.9127

0.0000

330.8428,
362.4454, 257.7660

■ 0.0000, 0.2419,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.5380, 60.6411,
28.9618

■ 53.5380, 60.6411,
28.9618

■ 52.0577, 59.6637,
22.3543

■ 55.3136, 61.7434,
37.1033

■ 50.8497, 58.7955,
17.1803


■ 57.3967, 62.9690,
46.8635


■ 49.8952, 58.0311,
13.3332


■ 59.8044, 64.3268,
58.3253


■ 49.1706, 57.3612,
10.6898


■ 62.5512, 65.8228,
71.5649


 48.6484, 56.7745,
9.1041


 65.6506, 67.4622,
86.6538

 48.2806, 56.2556,
8.3138

 69.1154, 69.2503,
103.6597

 69.4965, 69.8074,
104.4191

 69.7510, 70.3163,
104.5039

 70.0069, 70.8282,
104.5892

Harmonies

Analogous

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



62.4335, 60.6411, 29.1696



53.5380, 60.6411, 28.9618



46.4990, 60.6411, 36.7194

Triad

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



53.5380, 60.6411, 28.9618



46.2027, 60.6411, 106.4844



75.7478, 60.6411, 80.3216

Complementary

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



53.5380, 60.6411, 28.9618



28.7522, 25.4973, 65.6933

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.



70.4264, 60.6411, 107.8394



53.5380, 60.6411, 28.9618



53.0937, 60.6411, 125.3996

Square

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



53.5380, 60.6411, 28.9618



42.5692, 60.6411, 78.8040



61.9412, 60.6411, 125.9511



75.8983, 60.6411, 54.7130

Rectangle

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



53.5380, 60.6411, 28.9618



43.5461, 60.6411, 46.8824



61.9412, 60.6411, 125.9511



74.4816, 60.6411, 89.7832

Sweetspot

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



53.5395, 60.6439, 28.9631



90.0518, 97.2695, 84.8344



38.8549, 30.8219, 25.4638



19.1682, 20.7601, 17.6490



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.



53.5395, 60.6439, 28.9631



79.3985, 90.8472, 35.3962



44.7745, 57.5894, 28.8355



13.4205, 14.4152, 13.2358



29.8274, 34.7720, 5.1396



1.8148, 2.1288, 0.3152

Inverse Universe

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



28.7522, 25.4973, 65.6933



36.7989, 30.4522, 98.5461



35.0427, 27.9591, 65.8370



11.7890, 12.1013, 15.6520



7.4235, 3.1088, 38.6620



0.4646, 0.2212, 2.3375

Previews

White Background



This preview shows how the XYZ color 53.5380, 60.6411, 28.9618 looks on a white background.

Color Contrast Check

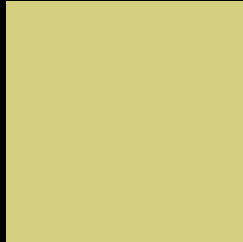
Large Text (above 18pt) WCAG AA × Fail

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 53.5380, 60.6411, 28.9618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

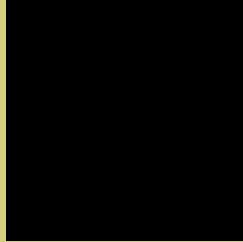
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

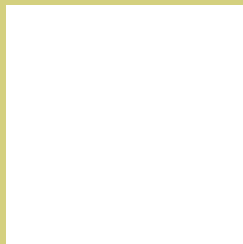
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.5380, 60.6411, 28.9618

Background



This preview shows how black text looks on a background with the XYZ color 53.5380, 60.6411, 28.9618.



This preview shows how white text looks on a background with the XYZ color 53.5380, 60.6411,

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

53.5380, 60.6411, 28.9618

Protanopia

55.7902, 60.3801, 28.4527

Deuteranopia

61.5504, 60.2347, 29.5015



Tritanopia

62.3285, 60.7219, 71.3862

Trichromacy



Original Color

53.5380, 60.6411, 28.9618

Protanomaly

54.8106, 60.2291, 28.4752

Deuteranomaly

58.5484, 60.3860, 29.3387

Tritanomaly

58.4775, 60.5239, 52.8562

Monochromacy



Original Color

53.5380, 60.6411, 28.9618

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.8006, 58.5664, 48.0040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5380, 60.6411, 28.9618 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(212, 208, 127)` looks like.

```
.text, #text, p{  
    color:rgb(212, 208, 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(212, 208, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 208, 127) }
```

Border

The CSS property to change the border of an element to XYZ 53.5380, 60.6411, 28.9618 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(212, 208, 127) }
```


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

```
.border{ border-color:rgb(212, 208, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 208, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 208, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 208, 127);  
box-shadow:4px 4px 4px 4px rgb(212, 208,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5380, 60.6411, 28.9618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 208, 127) }
```

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

```
.background{ background-color: rgb(212,  
208, 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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