

Converting Colors

XYZ(53.7820, 65.0310, 33.5416)

Have a look what the booklet for
XYZ(53.7820, 65.0310, 33.5416)
contains.

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Color

**XYZ(53.9280, 65.2719,
33.4233)**

Conversions

Conversions Part 1

Format	Color
Hex	C8DC89
RGB	200, 220, 137
RGB Percent	78%, 86%, 54%
CMY	0.2157, 0.1372, 0.4627
CMYK	0.09, 0.00, 0.38, 0.14
HSL	74°, 54%, 70%
HSV	74°, 38%, 86%
XYZ	53.9280, 65.2719, 33.4233
YIQ	204.5580, 14.7230, -30.0530

Conversions

Conversions Part 2

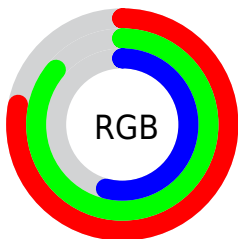
Format	Color
RYB	137, 220, 157
Decimal	13163657
CIELab	84.62, -19.79, 38.57
CIElCh	85, 43.355, 117.161
Yxy	65.2719, 0.3533, 0.4277
Android (android.graphics.Color)	4291353737 (0xFFC8DC89)
YUV	204.5580, -33.3061, -3.9974
Hunter-Lab	80.7910, -22.2356, 32.0254

Details

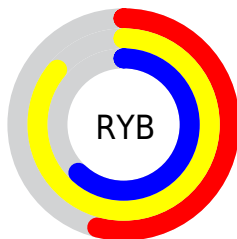
The XYZ color **53.9280, 65.2719, 33.4233** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **35.7710, 30.2284, 71.6632**, and the grayscale version is **57.9472, 60.9650, 66.3908**.

A 20% lighter version of the original color is **86.4040, 96.5416, 63.3706**, and **26.8119, 33.6019, 13.8768** is the 20% darker color. If you saturate the color by 10%, you get **51.1169, 63.9889, 25.8771**, and if you desaturate by 10%, it is **57.1133, 66.7147, 42.6692**.

Distribution



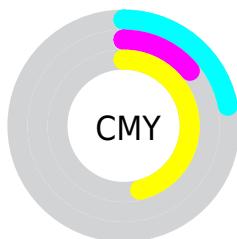
- Red (78%)
- Green (86%)
- Blue (54%)



- Red (54%)
- Yellow (86%)
- Blue (62%)



- Cyan (9%)
- Magenta (0%)
- Yellow (38%)
- Black (14%)





- Cyan (22%)
- Magenta (14%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9280, 65.2719, 33.4233 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 53.9280, 65.2719, 33.4233 by changing the saturation by 10% instead.


 53.9280, 65.2719,
33.4233


 53.9280, 65.2719,
33.4233


392.0382,
443.7684, 332.2432


 38.7745, 47.6816,
22.1772


 95.1260, 112.4407,
66.1595

 26.7643, 33.5748,
13.7876

 121.9013,
142.7879, 88.4865

 17.5320, 22.5671,
7.8360


 153.2813,
178.1563, 115.3443

 10.7121, 14.2742,
3.9039

189.6312,
218.9301, 147.1514

 5.9395, 8.3116,
1.5728

231.3165,
265.4939, 184.3263

 2.8486, 4.2950,
0.2713

278.7026,

 1.0742, 1.8399,

318.2319, 227.2875

0.0000

332.1547,
377.5286, 276.4536

■ 0.0034, 0.5119,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9280, 65.2719,
33.4233

■ 53.9280, 65.2719,
33.4233

■ 51.1169, 63.9889,
25.8771

■ 57.1133, 66.7147,
42.6692

■ 48.6549, 62.8490,
19.9229


■ 60.6864, 68.3162,
53.7057


■ 46.5214, 61.8460,
15.4469


■ 64.6662, 70.0861,
66.6220


■ 44.6910, 60.9697,
12.3186


■ 69.0686, 72.0308,
81.5004


 43.1341, 60.2083,
10.3848


 73.9089, 74.1567,
98.4180

 41.8100, 59.5454,
9.4333

 76.8633, 75.5341,
105.1361

 41.5269, 59.4026,
9.2771

 78.6089, 76.4340,
105.2178

 80.4069, 77.3609,
105.3020

 82.2577, 78.3150,
105.3886

Harmonies

Analogous

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



62.9651, 65.2719, 30.0314



53.9280, 65.2719, 33.4233



47.6838, 65.2719, 45.9151

Triad

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



53.9280, 65.2719, 33.4233



52.4872, 65.2719, 125.8939



82.5373, 65.2719, 73.7421

Complementary

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



53.9280, 65.2719, 33.4233



35.7710, 30.2284, 71.6632

Split Complementary

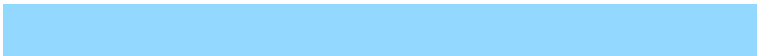
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.0197, 65.2719, 104.0561



53.9280, 65.2719, 33.4233



61.1220, 65.2719, 138.6732

Square

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



53.9280, 65.2719, 33.4233



46.9147, 65.2719, 98.2723



70.9250, 65.2719, 129.7975



80.1076, 65.2719, 49.4169

Rectangle

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



53.9280, 65.2719, 33.4233



45.6103, 65.2719, 59.8753



70.9250, 65.2719, 129.7975



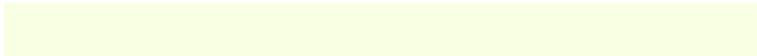
82.0034, 65.2719, 83.5797

Sweetspot

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



53.9296, 65.2748, 33.4247



88.4146, 97.0636, 86.7121



45.9829, 40.9239, 29.1433



18.7601, 20.7026, 18.0245



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.



53.9296, 65.2748, 33.4247



72.2991, 89.8076, 38.4317



44.4353, 60.3803, 32.9804



13.8396, 15.0976, 13.9103



24.4749, 34.9148, 5.4493



1.6607, 2.3007, 0.3565

Inverse Universe

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



35.7710, 30.2284, 71.6632



43.5932, 34.3639, 98.9430



45.1197, 35.0478, 72.1007



12.6311, 12.7679, 16.4509



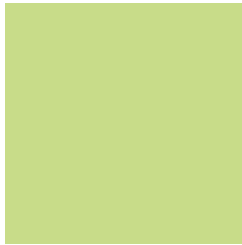
8.5280, 3.5205, 39.9685



0.6300, 0.2680, 2.5930

Previews

White Background



This preview shows how the XYZ color 53.9280, 65.2719, 33.4233 looks on a white background.

Color Contrast Check

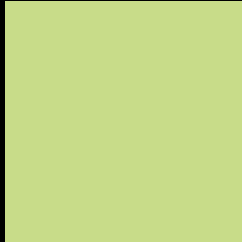
Large Text (above 18pt) WCAG AA × Fail

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 53.9280, 65.2719, 33.4233 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

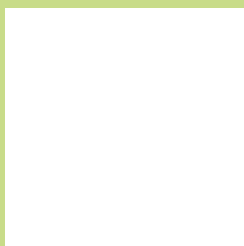
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.9280, 65.2719, 33.4233

Background



This preview shows how black text looks on a background with the XYZ color 53.9280, 65.2719, 33.4233.



This preview shows how white text looks on a background with the XYZ color 53.9280, 65.2719,

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

53.9280, 65.2719, 33.4233

Protanopia

60.1610, 65.1050, 31.5860

Deuteranopia

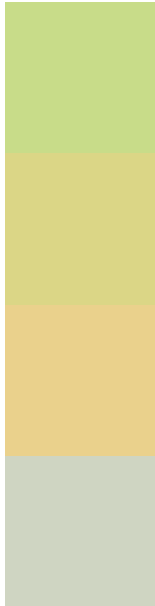
66.4363, 65.0468, 34.2530



Tritanopia

63.3919, 64.9408, 81.1452

Trichromacy



Original Color

53.9280, 65.2719, 33.4233

Protanomaly

57.5631, 64.8744, 32.0424

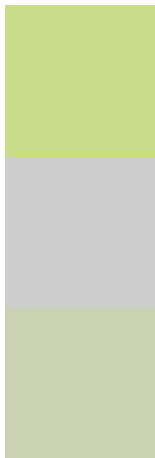
Deuteranomaly

61.4658, 64.9868, 34.1151

Tritanomaly

59.2640, 64.7489, 60.4132

Monochromacy



Original Color

53.9280, 65.2719, 33.4233

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

55.9134, 62.0850, 52.2167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9280, 65.2719, 33.4233 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, 220, 137)` looks like.

```
.text, #text, p{  
    color:rgb(200, 220, 137)  
}
```

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, 220, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 220, 137) }
```

Border

The CSS property to change the border of an element to XYZ 53.9280, 65.2719, 33.4233 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, 220, 137) }
```


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

```
.border{ border-color:rgb(200, 220, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 220, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 220, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 220, 137);  
box-shadow:4px 4px 4px 4px rgb(200, 220,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9280, 65.2719, 33.4233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 220, 137) }
```

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

```
.background{ background-color: rgb(200,  
220, 137) }
```

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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