

Converting Colors

XYZ(53.8539, 66.0259, 33.1984)

Have a look what the booklet for
XYZ(53.8539, 66.0259, 33.1984)
contains.

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Color

**XYZ(53.8539, 66.0259,
33.1984)**

Conversions

Conversions Part 1

Format	Color
Hex	C6DE88
RGB	198, 222, 136
RGB Percent	78%, 87%, 53%
CMY	0.2235, 0.1294, 0.4667
CMYK	0.11, 0.00, 0.39, 0.13
HSL	77°, 57%, 70%
HSV	77°, 39%, 87%
XYZ	53.8539, 66.0259, 33.1984
YIQ	205.0200, 13.3020, -31.8340

Conversions

Conversions Part 2

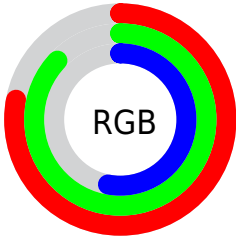
Format	Color
RYB	136, 222, 160
Decimal	13033096
CIELab	85.01, -21.64, 39.54
CIELCh	85, 45.079, 118.695
Yxy	66.0259, 0.3518, 0.4313
Android (android.graphics.Color)	4291223176 (0xFFC6DE88)
YUV	205.0200, -34.0269, -6.1565
Hunter-Lab	81.2563, -23.8949, 32.6557

Details

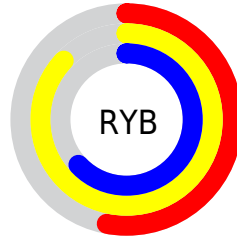
The XYZ color **53.8539, 66.0259, 33.1984** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **36.4888, 30.3576, 73.0475**, and the grayscale version is **58.2462, 61.2796, 66.7335**.

A 20% lighter version of the original color is **86.2943, 96.4977, 62.7929**, and **26.7861, 34.1329, 13.7709** is the 20% darker color. If you saturate the color by 10%, you get **50.8372, 64.6366, 25.6572**, and if you desaturate by 10%, it is **57.2676, 67.5862, 42.4665**.

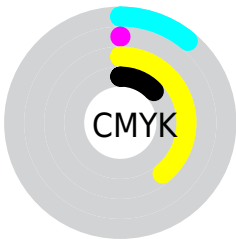
Distribution



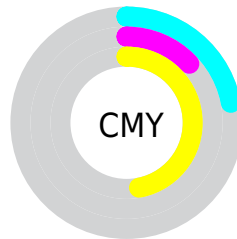
- Red (78%)
- Green (87%)
- Blue (53%)



- Red (53%)
- Yellow (87%)
- Blue (63%)



- Cyan (11%)
- Magenta (0%)
- Yellow (39%)
- Black (13%)



- Cyan (22%)
- Magenta (13%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8539, 66.0259, 33.1984 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 53.8539, 66.0259, 33.1984 by changing the saturation by 10% instead.

■ 53.8539, 66.0259,
33.1984

■ 53.8539, 66.0259,
33.1984

391.7601,
446.4695, 331.2022

■ 38.7151, 48.2934,
22.0061

■ 95.0178, 113.5235,
65.8047

■ 26.7179, 34.0593,
13.6630

■ 121.7737,
144.0574, 88.0559

■ 17.4969, 22.9392,
7.7506

■ 153.1326,
179.6273, 114.8304

■ 10.6869, 14.5486,
3.8503

189.4598,
220.6175, 146.5468

■ 5.9225, 8.5032,
1.5436

231.1209,
267.4124, 183.6236

■ 2.8382, 4.4186,
0.2501

278.4810,

■ 1.0688, 1.9104,

320.3965, 226.4794

0.0000

331.9056,
379.9540, 275.5328

0.0000, 0.5546,
0.0000

0.0000, 0.0000,
0.0000

53.8539, 66.0259,
33.1984

53.8539, 66.0259,
33.1984

50.8372, 64.6366,
25.6572

57.2676, 67.5862,
42.4665

48.1914, 63.4011,
19.7318


61.0926, 69.3166,
53.5554


45.8947, 62.3127,
15.3043


65.3486, 71.2273,
66.5568


43.9207, 61.3609,
12.2395


70.0524, 73.3251,
81.5555

 42.2381, 60.5329,
10.3775


 75.2198, 75.6164,
98.6307


 40.7998, 59.8099,
9.4745

 78.4931, 77.1582,
105.3637

 40.6277, 59.7230,
9.3864

 80.5770, 78.2325,
105.4613

 82.7330, 79.3440,
105.5622

 84.9616, 80.4929,
105.6665

Harmonies

Analogous

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



63.2007, 66.0259, 29.2765



53.8539, 66.0259, 33.1984



47.5307, 66.0259, 46.6103

Triad

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



53.8539, 66.0259, 33.1984



53.1623, 66.0259, 130.9159



84.3302, 66.0259, 73.1702

Complementary

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



53.8539, 66.0259, 33.1984



36.4888, 30.3576, 73.0475

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.



80.9273, 66.0259, 104.9743



53.8539, 66.0259, 33.1984



62.3126, 66.0259, 143.3910

Square

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



53.8539, 66.0259, 33.1984



47.1627, 66.0259, 102.1646



72.5879, 66.0259, 132.8215



81.4545, 66.0259, 48.2799

Rectangle

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



53.8539, 66.0259, 33.1984



45.5161, 66.0259, 61.4929



72.5879, 66.0259, 132.8215



83.8766, 66.0259, 83.3997

Sweetspot

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



53.8555, 66.0288, 33.1998



87.4361, 96.5995, 84.8430



46.9572, 42.0825, 28.9413



18.5491, 20.6019, 17.6511



0.0000, 0.0000, 0.0000



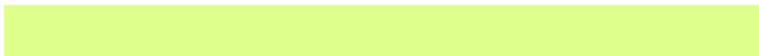
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.8555, 66.0288, 33.1998



70.5294, 88.9168, 37.3764



44.2906, 61.0979, 32.7522



14.4793, 15.8273, 14.5986



24.2439, 35.5307, 5.5803



1.7661, 2.5069, 0.3908

Inverse Universe

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



36.4888, 30.3576, 73.0475



43.7686, 33.9063, 98.8455



46.3304, 35.4311, 73.5080



13.3094, 13.4275, 17.2780



9.1035, 3.7884, 41.2998



0.7166, 0.3067, 2.8667

Previews

White Background



This preview shows how the XYZ color 53.8539, 66.0259, 33.1984 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 53.8539, 66.0259, 33.1984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

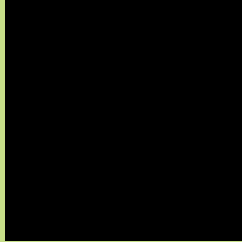
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8539, 66.0259, 33.1984

Background



This preview shows how black text looks on a background with the XYZ color 53.8539, 66.0259, 33.1984.

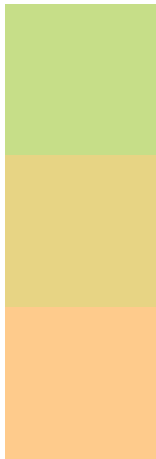


This preview shows how white text looks on a background with the XYZ color 53.8539, 66.0259,

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

53.8539, 66.0259, 33.1984

Protanopia

60.6633, 65.7418, 31.3219

Deuteranopia

66.9626, 65.6762, 33.9584



Tritanopia

63.8762, 65.8916, 82.7505

Trichromacy



Original Color

53.8539, 66.0259, 33.1984

Protanomaly

58.0029, 65.8653, 31.8465

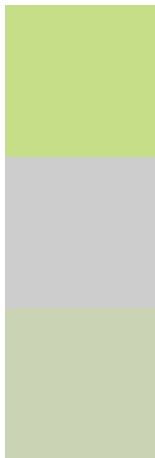
Deuteranomaly

61.6385, 65.4497, 33.8105

Tritanomaly

59.6044, 65.6628, 61.1625

Monochromacy



Original Color

53.8539, 66.0259, 33.1984

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

55.8896, 62.4404, 52.2865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8539, 66.0259, 33.1984 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(198, 222, 136)` looks like.

```
.text, #text, p{  
    color:rgb(198, 222, 136)  
}
```

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(198, 222, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 222, 136) }
```

Border

The CSS property to change the border of an element to XYZ 53.8539, 66.0259, 33.1984 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(198, 222, 136) }
```


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

```
.border{ border-color:rgb(198, 222, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 222, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 222, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 222, 136);  
box-shadow:4px 4px 4px 4px rgb(198, 222,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8539, 66.0259, 33.1984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 222, 136) }
```

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

```
.background{ background-color: rgb(198,  
222, 136) }
```

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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