

Converting Colors

XYZ(53.5911, 64.9556, 39.8501)

Have a look what the booklet for
XYZ(53.5911, 64.9556, 39.8501)
contains.

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Color

**XYZ(53.5911, 64.9556,
39.8501)**

Conversions

Conversions Part 1

Format	Color
Hex	C2DC99
RGB	194, 220, 153
RGB Percent	76%, 86%, 60%
CMY	0.2392, 0.1372, 0.4000
CMYK	0.12, 0.00, 0.30, 0.14
HSL	83°, 49%, 73%
HSV	83°, 30%, 86%
XYZ	53.5911, 64.9556, 39.8501
YIQ	204.5880, 6.0110, -26.3490

Conversions

Conversions Part 2

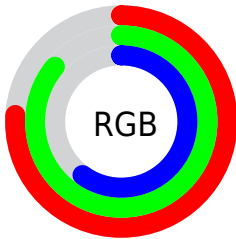
Format	Color
RYB	153, 220, 179
Decimal	12770457
CIELab	84.46, -19.95, 30.15
CIELCh	84, 36.153, 123.498
Yxy	64.9556, 0.3383, 0.4101
Android (android.graphics.Color)	4290960537 (0xFFC2DC99)
YUV	204.5880, -25.4329, -9.2857
Hunter-Lab	80.5950, -22.3490, 27.1007

Details

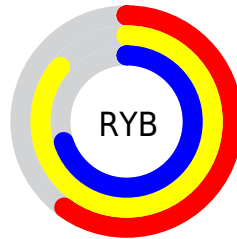
The XYZ color **53.5911, 64.9556, 39.8501** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.9024, 37.5352, 72.6975**, and the grayscale version is **57.9217, 60.9382, 66.3617**.

A 20% lighter version of the original color is **86.9288, 96.5833, 73.7353**, and **26.6193, 33.4253, 17.3607** is the 20% darker color. If you saturate the color by 10%, you get **49.8106, 63.1996, 31.0467**, and if you desaturate by 10%, it is **57.8359, 66.9162, 50.4266**.

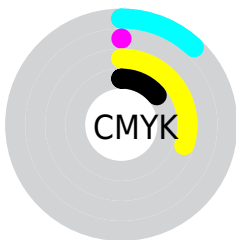
Distribution



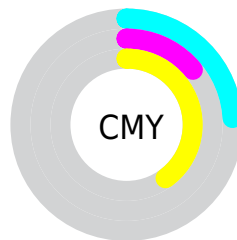
- Red (76%)
- Green (86%)
- Blue (60%)



- Red (60%)
- Yellow (86%)
- Blue (70%)



- Cyan (12%)
- Magenta (0%)
- Yellow (30%)
- Black (14%)





- Cyan (24%)
- Magenta (14%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5911, 64.9556, 39.8501 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 53.5911, 64.9556, 39.8501 by changing the saturation by 10% instead.


 53.5911, 64.9556,
39.8501


 53.5911, 64.9556,
39.8501


390.7727,
442.6324, 361.0247

 38.5042, 47.4251,
27.1088


 94.6340, 111.9860,
76.1698

 26.5532, 33.3718,
17.4218


 121.3208,
142.2547, 100.5852

 17.3728, 22.4114,
10.3705


152.6048,
177.5382, 129.7292

 10.5976, 14.1595,
5.5365

188.8516,
218.2210, 164.0201

 5.8622, 8.2317,
2.5012

230.4264,
264.6874, 203.8766

 2.8014, 4.2436,
0.8408

277.6946,

 1.0496, 1.8107,

317.3219, 249.7171

0.0000

331.0216,
376.5087, 301.9603

0.0000, 0.4938,
0.0000

0.0000, 0.0000,
0.0000

53.5911, 64.9556,
39.8501

53.5911, 64.9556,
39.8501

49.8106, 63.1996,
31.0467

57.8359, 66.9162,
50.4266

46.4689, 61.6313,
23.9152

62.5592, 69.0808,
62.8619

43.5453, 60.2443,
18.3502

67.7804, 71.4596,
77.2410

41.0151, 59.0285,
14.2329

73.5164, 74.0595,
93.6425

■ 38.8502, 57.9723,
11.4276

■ 78.4674, 76.3609,
105.2112

■ 37.0176, 57.0622,
9.7725

■ 81.3818, 77.8633,
105.3476

■ 35.5250, 56.3084,
8.9962

■ 84.4338, 79.4367,
105.4904

■ 84.8845, 79.6691,
105.5115

Harmonies

Analogous

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



60.7996, 64.9556, 35.0915



53.5911, 64.9556, 39.8501



48.9080, 64.9556, 52.7473

Triad

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



53.5911, 64.9556, 39.8501



55.0920, 64.9556, 118.2223



78.4950, 64.9556, 68.0577

Complementary

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



53.5911, 64.9556, 39.8501



42.9024, 37.5352, 72.6975

Split Complementary

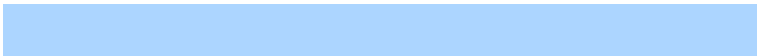
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.6367, 64.9556, 92.3851



53.5911, 64.9556, 39.8501



62.6867, 64.9556, 124.7781

Square

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



53.5911, 64.9556, 39.8501



49.7202, 64.9556, 98.0914



70.6721, 64.9556, 114.4570



75.5520, 64.9556, 48.9911

Rectangle

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



53.5911, 64.9556, 39.8501



47.6135, 64.9556, 65.8284



70.6721, 64.9556, 114.4570



78.4121, 64.9556, 75.8598

Sweetspot

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



53.5928, 64.9585, 39.8515



88.3712, 96.9587, 90.4384



51.3240, 49.6311, 37.0126



18.6956, 20.6529, 18.7644



0.0000, 0.0000, 0.0000



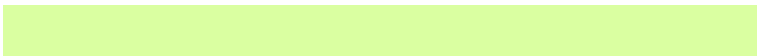
20.3446, 21.4041, 23.3091

Same Dimension

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



53.5928, 64.9585, 39.8515



71.1900, 89.0452, 46.9920



46.0060, 61.0473, 39.4964



13.6475, 14.9985, 13.9013



20.9764, 33.1112, 5.2855



1.4543, 2.1943, 0.3469

Inverse Universe

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



42.9024, 37.5352, 72.6975



53.8300, 44.4941, 100.3588



51.5161, 41.9757, 73.1006



12.8142, 12.8623, 16.4594



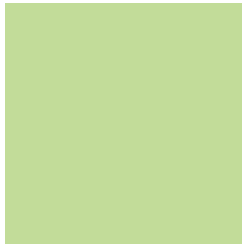
9.9168, 4.2365, 40.0335



0.7372, 0.3233, 2.5980

Previews

White Background



This preview shows how the XYZ color 53.5911, 64.9556, 39.8501 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 53.5911, 64.9556, 39.8501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

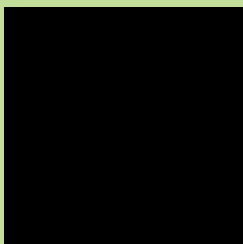
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

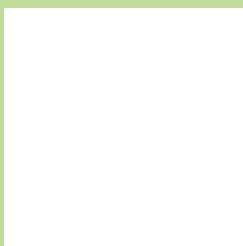
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.5911, 64.9556, 39.8501

Background



This preview shows how black text looks on a background with the XYZ color 53.5911, 64.9556, 39.8501.

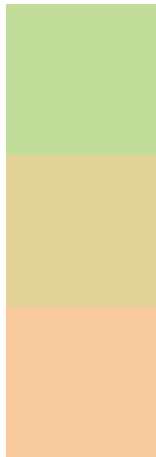


This preview shows how white text looks on a background with the XYZ color 53.5911, 64.9556,

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

53.5911, 64.9556, 39.8501

Protanopia

60.1500, 64.5940, 37.7314

Deuteranopia

65.9177, 64.6318, 40.8992



Tritanopia

62.0612, 64.9720, 81.9429

Trichromacy



Original Color

53.5911, 64.9556, 39.8501

Protanomaly

57.5759, 64.7422, 38.3161

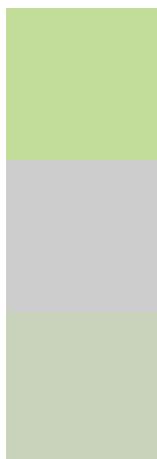
Deuteranomaly

60.7961, 64.4952, 40.6970

Tritanomaly

58.2913, 64.5426, 64.0293

Monochromacy



Original Color

53.5911, 64.9556, 39.8501

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

55.9969, 62.0559, 55.4810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5911, 64.9556, 39.8501 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(194, 220, 153)` looks like.

```
.text, #text, p{  
    color:rgb(194, 220, 153)  
}
```

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(194, 220, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 220, 153) }
```

Border

The CSS property to change the border of an element to XYZ 53.5911, 64.9556, 39.8501 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(194, 220, 153) }
```


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

```
.border{ border-color:rgb(194, 220, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 220, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 220, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 220, 153);  
box-shadow:4px 4px 4px 4px rgb(194, 220,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5911, 64.9556, 39.8501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 220, 153) }
```

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

```
.background{ background-color: rgb(194,  
220, 153) }
```

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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