

Converting Colors

XYZ(53.8724, 67.4403, 32.0567)

Have a look what the booklet for
XYZ(53.8724, 67.4403, 32.0567)
contains.

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Color

**XYZ(53.8550, 67.2521,
31.9723)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C4E184 |
| RGB | 196, 225, 132 |
| RGB Percent | 77%, 88%, 52% |
| CMY | 0.2314, 0.1176, 0.4823 |
| CMYK | 0.13, 0.00, 0.41, 0.12 |
| HSL | 79°, 61%, 70% |
| HSV | 79°, 41%, 88% |
| XYZ | 53.8550, 67.2521, 31.9723 |
| YIQ | 205.7270, 12.5690, -35.0710 |

Conversions

Conversions Part 2

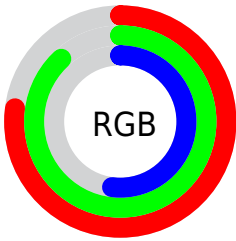
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 132, 225, 161 |
| Decimal | 12902788 |
| CIELab | 85.63, -24.32, 42.29 |
| CIELCh | 86, 48.787, 119.901 |
| Yxy | 67.2521, 0.3518, 0.4393 |
| Android (android.graphics.Color) | 4291092868 (0xFFC4E184) |
| YUV | 205.7270, -36.3474, -8.5306 |
| Hunter-Lab | 82.0074, -26.2903, 34.2897 |

Details

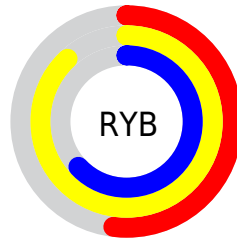
The XYZ color **53.8550, 67.2521, 31.9723** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **36.5425, 29.5177, 75.0094**, and the grayscale version is **58.7125, 61.7701, 67.2677**.

A 20% lighter version of the original color is **85.4960, 96.1360, 60.5044**, and **26.8072, 34.9914, 12.9305** is the 20% darker color. If you saturate the color by 10%, you get **50.6961, 65.7849, 24.6359**, and if you desaturate by 10%, it is **57.4347, 68.9022, 41.0644**.

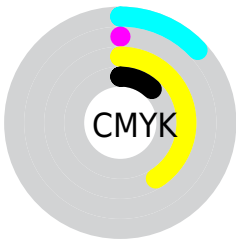
Distribution



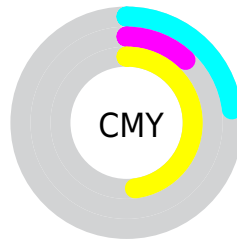
- Red (77%)
- Green (88%)
- Blue (52%)



- Red (52%)
- Yellow (88%)
- Blue (63%)



- Cyan (13%)
- Magenta (0%)
- Yellow (41%)
- Black (12%)




- Cyan (23%)
- Magenta (12%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8550, 67.2521, 31.9723 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 53.8550, 67.2521, 31.9723 by changing the saturation by 10% instead.


 53.8550, 67.2521,
31.9723


 53.8550, 67.2521,
31.9723

391.7642,
450.8416, 325.4819


 38.7160, 49.2895,
21.0757


 95.0195, 115.2816,
63.8651

 26.7186, 34.8492,
12.9876


 121.7756,
146.1173, 85.6983

 17.4975, 23.5467,
7.2894


 153.1348,
182.0128, 112.0142

 10.6873, 14.9977,
3.5625

189.4624,
223.3525, 143.2312

 5.9227, 8.8178,
1.3886

231.1238,
270.5209, 179.7680

 2.8384, 4.6225,
0.1328

278.4843,

 1.0689, 2.0275,

323.9022, 222.0430

0.0000

331.9093,
383.8810, 270.4748

0.0000, 0.6234,
0.0000

0.0000, 0.0000,
0.0000

53.8550, 67.2521,
31.9723

53.8550, 67.2521,
31.9723

50.6961, 65.7849,
24.6359

57.4347, 68.9022,
41.0644

47.9302, 64.4823,
18.9373


61.4511, 70.7345,
52.0112

45.5339, 63.3371,
14.7510


65.9249, 72.7600,
64.9098


43.4783, 62.3377,
11.9314


70.8741, 74.9859,
79.8489


 41.7290, 61.4701,
10.3043


 76.3157, 77.4191,
96.9119

 40.4119, 60.8052,
9.6067

 80.2716, 79.2685,
105.6773

 82.6753, 80.5076,
105.7898

 85.1719, 81.7947,
105.9067

 86.2166, 82.3333,
105.9555

Harmonies

Analogous

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



63.9580, 67.2521, 27.5118



53.8550, 67.2521, 31.9723



47.1675, 67.2521, 46.6366

Triad

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



53.8550, 67.2521, 31.9723



53.7980, 67.2521, 139.9117



87.7441, 67.2521, 73.3318

Complementary

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



53.8550, 67.2521, 31.9723



36.5425, 29.5177, 75.0094

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.



84.2352, 67.2521, 108.3811



53.8550, 67.2521, 31.9723



63.8842, 67.2521, 152.9984

Square

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



53.8550, 67.2521, 31.9723



47.1374, 67.2521, 108.1437



75.1693, 67.2521, 140.0744



84.2796, 67.2521, 46.7722

Rectangle

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



53.8550, 67.2521, 31.9723



45.1167, 67.2521, 63.0163



75.1693, 67.2521, 140.0744



87.3361, 67.2521, 84.4831

Sweetspot

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



53.8567, 67.2551, 31.9737



87.0846, 96.4183, 84.8265



47.7721, 42.7826, 27.5708



18.4661, 20.5591, 17.6472



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.



53.8567, 67.2551, 31.9737



67.7171, 87.5482, 33.5794



43.7807, 62.0607, 31.5022



14.4342, 15.8040, 14.5965



23.4113, 35.1015, 5.5414



1.7136, 2.4799, 0.3883

Inverse Universe

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



36.5425, 29.5177, 75.0094



41.6963, 30.7725, 98.3498



47.4091, 35.1196, 75.5180



13.3522, 13.4496, 17.2800



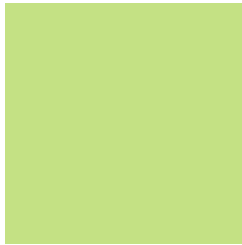
9.4002, 3.9413, 41.3137



0.7416, 0.3196, 2.8678

Previews

White Background



This preview shows how the XYZ color 53.8550, 67.2521, 31.9723 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 53.8550, 67.2521, 31.9723 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 53.8550, 67.2521, 31.9723

Background



This preview shows how black text looks on a background with the XYZ color 53.8550, 67.2521, 31.9723.



This preview shows how white text looks on a background with the XYZ color 53.8550, 67.2521,

31.9723.

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

53.8550, 67.2521, 31.9723

Protanopia

61.8745, 67.1441, 30.1210

Deuteranopia

68.0292, 66.9058, 35.3152



Tritanopia

64.3717, 66.8570, 84.3748

Trichromacy



Original Color

53.8550, 67.2521, 31.9723

Protanomaly

58.5491, 66.9434, 30.6044

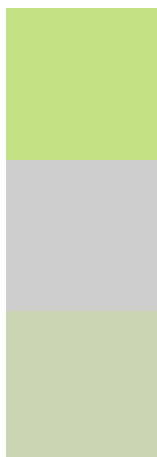
Deuteranomaly

62.1354, 66.4435, 33.9761

Tritanomaly

59.4523, 66.3581, 60.7139

Monochromacy



Original Color

53.8550, 67.2521, 31.9723

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

56.2881, 63.3997, 51.9185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8550, 67.2521, 31.9723 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(196, 225, 132)` looks like.

```
.text, #text, p{  
    color:rgb(196, 225, 132)  
}
```

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(196, 225, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 225, 132) }
```

Border

The CSS property to change the border of an element to XYZ 53.8550, 67.2521, 31.9723 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(196, 225, 132) }
```


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

```
.border{ border-color:rgb(196, 225, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 225, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 225, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 225, 132); box-shadow:4px 4px 4px 4px rgb(196, 225, 132) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8550, 67.2521, 31.9723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 225, 132) }
```

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

```
.background{ background-color: rgb(196,  
225, 132) }
```

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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