

Converting Colors

XYZ(55.7504, 70.2653, 32.4540)

Have a look what the booklet for
XYZ(55.7504, 70.2653, 32.4540)
contains.

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Color

**XYZ(55.7504, 70.2653,
32.4540)**

Conversions

Conversions Part 1

Format	Color
Hex	C6E684
RGB	198, 230, 132
RGB Percent	78%, 90%, 52%
CMY	0.2235, 0.0980, 0.4823
CMYK	0.14, 0.00, 0.43, 0.10
HSL	80°, 66%, 71%
HSV	80°, 43%, 90%
XYZ	55.7504, 70.2653, 32.4540
YIQ	209.2600, 12.3860, -37.2620

Conversions

Conversions Part 2

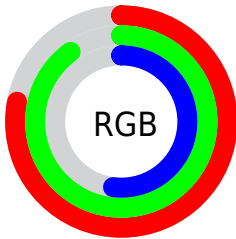
Format	Color
RYB	132, 230, 164
Decimal	13035140
CIELab	87.13, -25.97, 44.21
CIElCh	87, 51.271, 120.432
Yxy	70.2653, 0.3518, 0.4434
Android (android.graphics.Color)	4291225220 (0xFFC6E684)
YUV	209.2600, -38.0892, -9.8750
Hunter-Lab	83.8244, -27.9749, 35.7220

Details

The XYZ color **55.7504, 70.2653, 32.4540** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **37.8468, 30.1101, 78.6839**, and the grayscale version is **61.0110, 64.1884, 69.9011**.

A 20% lighter version of the original color is **85.8629, 96.3252, 60.5215**, and **27.9117, 36.6909, 13.2004** is the 20% darker color. If you saturate the color by 10%, you get **52.4163, 68.7110, 24.9685**, and if you desaturate by 10%, it is **59.5332, 72.0153, 41.7744**.

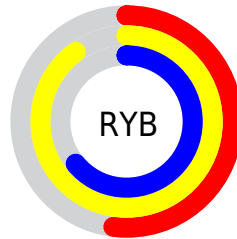
Distribution



Red (78%)

Green (90%)

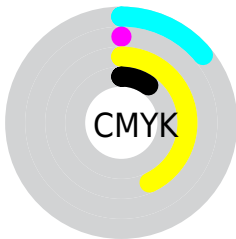
Blue (52%)



Red (52%)

Yellow (90%)

Blue (64%)

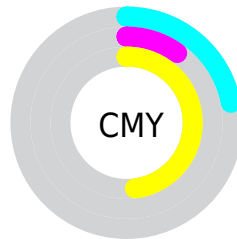


Cyan (14%)

Magenta (0%)

Yellow (43%)

Black (10%)



Cyan (22%)


Magenta (10%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.7504, 70.2653, 32.4540 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 55.7504, 70.2653, 32.4540 by changing the saturation by 10% instead.


 55.7504, 70.2653,
32.4540


 55.7504, 70.2653,
32.4540


398.8405,
461.4810, 327.7384


 40.2391, 51.7428,
21.4408


 97.7815, 119.5870,
64.6283

 27.9100, 36.8001,
13.2522


 125.0319,
151.1551, 86.6265

 18.3979, 25.0528,
7.4697


 156.9261,
187.8404, 113.1234

 11.3375, 16.1164,
3.6747

193.8293,
230.0275, 144.5377

 6.3633, 9.6066,
1.4486

236.1071,
278.1007, 181.2878

 3.1100, 5.1389,
0.1792

284.1246,

 1.2122, 2.3290,

332.4444, 223.7922

0.0000

338.2473,
393.4431, 272.4696

0.1159, 0.7890,
0.0000

0.0000, 0.0000,
0.0000

55.7504, 70.2653,
32.4540

55.7504, 70.2653,
32.4540

52.4163, 68.7110,
24.9685

59.5332, 72.0153,
41.7744

49.5012, 67.3330,
19.1920

63.7818, 73.9607,
53.0357

46.9796, 66.1235,
14.9898


68.5186, 76.1130,
66.3410


44.8202, 65.0697,
12.2050


73.7629, 78.4801,
81.7849

 42.9855, 64.1564,
10.6482

 79.5328, 81.0695,
99.4562

 41.7951, 63.5544,
10.0644

 83.3341, 82.8835,
106.2137

 85.9807, 84.2479,
106.3375

 87.5883, 85.0766,
106.4128

Harmonies

Analogous

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



66.6110, 70.2653, 27.5746



55.7504, 70.2653, 32.4540



48.6343, 70.2653, 48.2751

Triad

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



55.7504, 70.2653, 32.4540



56.0184, 70.2653, 149.7151



92.6614, 70.2653, 76.0090

Complementary

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



55.7504, 70.2653, 32.4540



37.8468, 30.1101, 78.6839

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.



88.9686, 70.2653, 114.0327



55.7504, 70.2653, 32.4540



66.9595, 70.2653, 163.6053

Square

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



55.7504, 70.2653, 32.4540



48.7755, 70.2653, 115.1643



79.1874, 70.2653, 148.9357



88.7578, 70.2653, 47.6420

Rectangle

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



55.7504, 70.2653, 32.4540



46.4909, 70.2653, 66.0250



79.1874, 70.2653, 148.9357



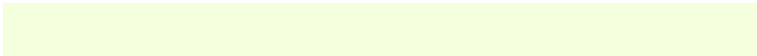
92.2629, 70.2653, 88.0434

Sweetspot

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



55.7521, 70.2684, 32.4555



86.2934, 96.0501, 82.9933



49.9036, 44.6974, 27.8280



18.1757, 20.4251, 16.9220



0.0000, 0.0000, 0.0000



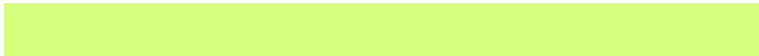
20.3446, 21.4041, 23.3091

Same Dimension

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



55.7521, 70.2684, 32.4555



66.7627, 87.0752, 32.6737



45.0355, 64.7438, 31.9540



15.1201, 16.5690, 15.3057



23.7945, 36.0480, 5.7039



1.8549, 2.7136, 0.4260

Inverse Universe

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



37.8468, 30.1101, 78.6839



41.4027, 30.1360, 98.2424



49.6977, 36.2195, 79.2385



14.0239, 14.1145, 18.1296



9.8482, 4.1428, 42.6638



0.8226, 0.3550, 3.1571

Previews

White Background



This preview shows how the XYZ color 55.7504, 70.2653, 32.4540 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 55.7504, 70.2653, 32.4540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

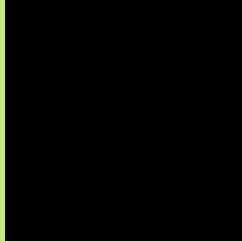
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7504, 70.2653, 32.4540

Background



This preview shows how black text looks on a background with the XYZ color 55.7504, 70.2653, 32.4540.



This preview shows how white text looks on a background with the XYZ color 55.7504, 70.2653,

32.4540.

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

55.7504, 70.2653, 32.4540

Protanopia

64.5643, 70.0520, 30.5406

Deuteranopia

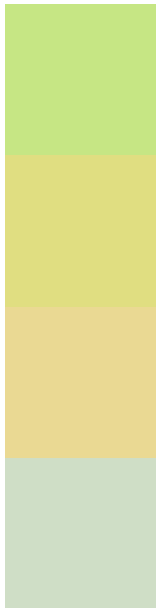
70.2873, 69.7535, 41.2117



Tritanopia

67.2182, 70.1380, 88.5925

Trichromacy



Original Color

55.7504, 70.2653, 32.4540

Protanomaly

60.8242, 69.6748, 31.0117

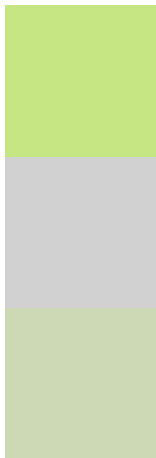
Deuteranomaly

64.0110, 69.2247, 37.5917

Tritanomaly

62.0464, 69.5852, 63.5872

Monochromacy



Original Color

55.7504, 70.2653, 32.4540

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

58.3302, 65.9410, 53.3696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7504, 70.2653, 32.4540 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, 230, 132)` looks like.

```
.text, #text, p{  
    color:rgb(198, 230, 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(198, 230, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 230, 132) }
```

Border

The CSS property to change the border of an element to XYZ 55.7504, 70.2653, 32.4540 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, 230, 132) }
```


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

```
.border{ border-color:rgb(198, 230, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 230, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 230, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 230, 132);  
box-shadow:4px 4px 4px 4px rgb(198, 230,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7504, 70.2653, 32.4540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 230, 132) }
```

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

```
.background{ background-color: rgb(198,  
230, 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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