

Converting Colors

XYZ(53.4686, 67.3854, 42.4511)

Have a look what the booklet for
XYZ(53.4686, 67.3854, 42.4511)
contains.

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Color

**XYZ(53.3755, 67.1756,
42.5008)**

Conversions

Conversions Part 1

Format	Color
Hex	B9E29E
RGB	185, 226, 158
RGB Percent	73%, 89%, 62%
CMY	0.2745, 0.1137, 0.3804
CMYK	0.18, 0.00, 0.30, 0.11
HSL	96°, 54%, 75%
HSV	96°, 30%, 89%
XYZ	53.3755, 67.1756, 42.5008
YIQ	205.9890, -2.6080, -29.8400

Conversions

Conversions Part 2

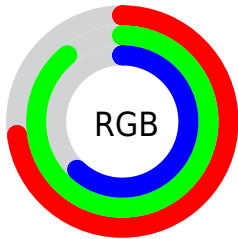
Format	Color
RYB	158, 226, 199
Decimal	12182174
CIELab	85.59, -25.39, 28.99
CIELCh	86, 38.537, 131.203
Yxy	67.1756, 0.3274, 0.4120
Android (android.graphics.Color)	4290372254 (0xFFB9E29E)
YUV	205.9890, -23.6586, -18.4074
Hunter-Lab	81.9607, -27.1862, 26.6276

Details

The XYZ color **53.3755, 67.1756, 42.5008** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **49.5103, 42.0888, 77.4696**, and the grayscale version is **58.8086, 61.8712, 67.3777**.

A 20% lighter version of the original color is **84.3882, 95.2013, 76.8788**, and **26.5245, 34.9917, 18.9918** is the 20% darker color. If you saturate the color by 10%, you get **48.4752, 64.8559, 33.0338**, and if you desaturate by 10%, it is **58.9522, 69.8067, 53.8696**.

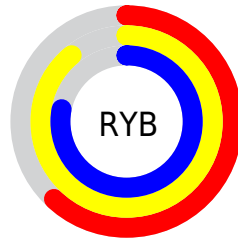
Distribution



Red (73%)

Green (89%)

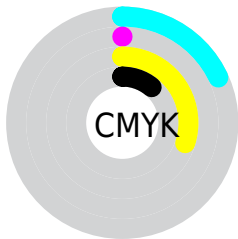
Blue (62%)



Red (62%)

Yellow (89%)

Blue (78%)

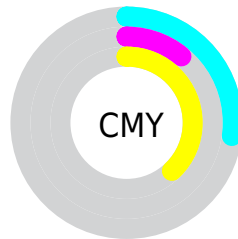


Cyan (18%)

Magenta (0%)

Yellow (30%)

Black (11%)



Cyan (27%)

Magenta (11%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3755, 67.1756, 42.5008 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 53.3755, 67.1756, 42.5008 by changing the saturation by 10% instead.


 53.3755, 67.1756,
42.5008


 53.3755, 67.1756,
42.5008


389.9614,
450.5696, 372.4155

 38.3313, 49.2273,
29.1651


 94.3190, 115.1720,
80.2353

 26.4183, 34.7999,
18.9591


 120.9489,
145.9889, 105.4711

 17.2712, 23.5087,
11.4642

152.1715,
181.8642, 135.5108

 10.5245, 14.9696,
6.2619

188.3521,
223.1822, 170.7729

 5.8130, 8.7981,
2.9336

229.8560,
270.3274, 211.6758

 2.7713, 4.6097,
1.0608

277.0487,

 1.0340, 2.0201,

323.6840, 258.6382

0.0000

330.2953,
383.6366, 312.0786

0.0000, 0.6191,
0.0000

0.0000, 0.0000,
0.0000

53.3755, 67.1756,
42.5008

53.3755, 67.1756,
42.5008

48.4752, 64.8559,
33.0338

58.9522, 69.8067,
53.8696

44.2177, 62.8265,
25.3604

65.2267, 72.7521,
67.2318

40.5739, 61.0769,
19.3683

72.2258, 76.0256,
82.6781

37.5102, 59.5926,
14.9306

79.9733, 79.6377,
100.2927

■ 34.9890, 58.3573,
11.9026

■ 85.8063, 82.5242,
106.0140

■ 32.9669, 57.3524,
10.1120

■ 86.4877, 82.8754,
106.0459

■ 31.3878, 56.5555,
9.2620

Harmonies

Analogous

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



60.6290, 67.1756, 35.2709



53.3755, 67.1756, 42.5008



49.1830, 67.1756, 58.6637

Triad

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



53.3755, 67.1756, 42.5008



58.5693, 67.1756, 129.0249



81.8528, 67.1756, 64.1585

Complementary

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



53.3755, 67.1756, 42.5008



49.5103, 42.0888, 77.4696

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.



81.1728, 67.1756, 89.8275



53.3755, 67.1756, 42.5008



67.1798, 67.1756, 131.4562

Square

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



53.3755, 67.1756, 42.5008



51.9867, 67.1756, 109.7760



75.6087, 67.1756, 115.8102



77.3896, 67.1756, 45.7276

Rectangle

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



53.3755, 67.1756, 42.5008



48.4344, 67.1756, 74.1610



75.6087, 67.1756, 115.8102



82.2280, 67.1756, 72.1340

Sweetspot

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



53.3772, 67.1785, 42.5023



86.6634, 96.0783, 90.3585



57.9157, 59.3949, 40.7607



18.2752, 20.4362, 18.7447



0.0000, 0.0000, 0.0000



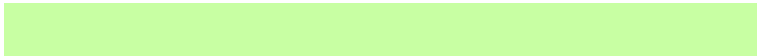
20.3446, 21.4041, 23.3091

Same Dimension

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



53.3772, 67.1785, 42.5023



66.1139, 86.4022, 47.9371



48.0723, 64.3742, 45.3950



14.0411, 15.6014, 14.5781



18.0309, 32.3278, 5.2896



1.3486, 2.2917, 0.3713

Inverse Universe

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



49.5103, 42.0888, 77.4696



60.2620, 48.4764, 100.7885



56.4060, 45.7493, 73.0168



13.7409, 13.6500, 17.2982



13.7866, 6.2026, 41.5189



1.0556, 0.4815, 2.8825

Previews

White Background



This preview shows how the XYZ color 53.3755, 67.1756, 42.5008 looks on a white background.

Color Contrast Check

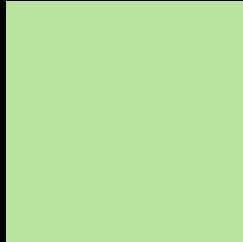
Large Text (above 18pt) WCAG AA × Fail

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 53.3755, 67.1756, 42.5008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

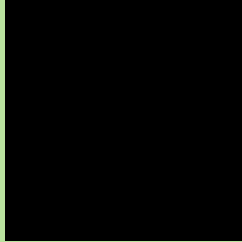
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3755, 67.1756, 42.5008

Background



This preview shows how black text looks on a background with the XYZ color 53.3755, 67.1756, 42.5008.



This preview shows how white text looks on a background with the XYZ color 53.3755, 67.1756,

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

53.3755, 67.1756, 42.5008

Protanopia

62.0949, 66.6785, 39.3032

Deuteranopia

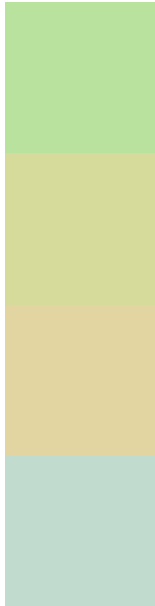
68.2258, 66.8162, 43.9513



Tritanopia

62.4331, 66.9226, 87.4687

Trichromacy



Original Color

53.3755, 67.1756, 42.5008

Protanomaly

58.6357, 66.7720, 40.3697

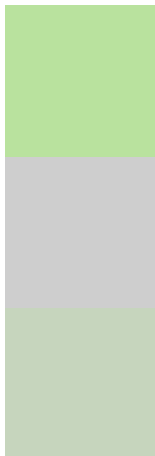
Deuteranomaly

61.9058, 66.4926, 43.2898

Tritanomaly

58.7261, 66.9801, 68.2258

Monochromacy



Original Color

53.3755, 67.1756, 42.5008

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

56.2683, 63.2684, 57.3905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3755, 67.1756, 42.5008 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(185, 226, 158)` looks like.

```
.text, #text, p{  
    color:rgb(185, 226, 158)  
}
```

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(185, 226, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 226, 158) }
```

Border

The CSS property to change the border of an element to XYZ 53.3755, 67.1756, 42.5008 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(185, 226, 158) }
```


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

```
.border{ border-color:rgb(185, 226, 158) }
```

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

Here you see how a box with a 4 pixel rgb(185, 226, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 226, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 226, 158);  
box-shadow:4px 4px 4px 4px rgb(185, 226,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3755, 67.1756, 42.5008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 226, 158) }
```

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

```
.background{ background-color: rgb(185,  
226, 158) }
```

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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