

Converting Colors

XYZ(53.7530, 66.3403, 52.7261)

Have a look what the booklet for
XYZ(53.7530, 66.3403, 52.7261)
contains.

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Color

**XYZ(53.8484, 66.3897,
52.6242)**

Conversions

Conversions Part 1

Format	Color
Hex	B5E0B3
RGB	181, 224, 179
RGB Percent	71%, 88%, 70%
CMY	0.2902, 0.1216, 0.2980
CMYK	0.19, 0.00, 0.20, 0.12
HSL	117°, 42%, 79%
HSV	117°, 20%, 88%
XYZ	53.8484, 66.3897, 52.6242
YIQ	206.0130, -11.1830, -23.1110

Conversions

Conversions Part 2

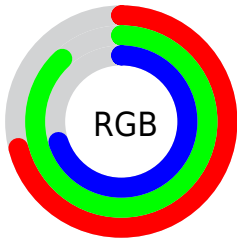
Format	Color
RYB	179, 224, 222
Decimal	11919539
CIELab	85.19, -22.46, 17.52
CIElCh	85, 28.482, 142.040
Yxy	66.3897, 0.3115, 0.3841
Android (android.graphics.Color)	4290109619 (0xFFB5E0B3)
YUV	206.0130, -13.3174, -21.9364
Hunter-Lab	81.4799, -24.6227, 18.7432

Details

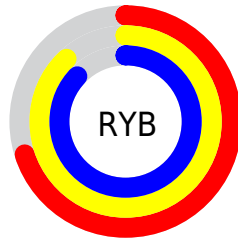
The XYZ color **53.8484, 66.3897, 52.6242** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **59.7015, 53.1535, 77.6374**, and the grayscale version is **58.7637, 61.8240, 67.3263**.

A 20% lighter version of the original color is **85.6804, 95.5227, 92.5191**, and **26.7063, 34.3943, 24.9699** is the 20% darker color. If you saturate the color by 10%, you get **47.1253, 63.1666, 41.4288**, and if you desaturate by 10%, it is **61.7142, 70.1632, 65.7970**.

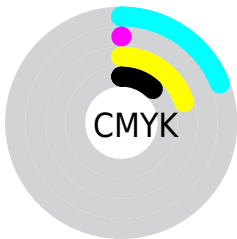
Distribution



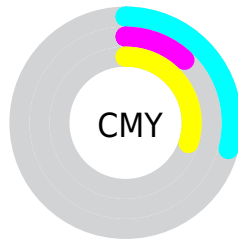
- Red (71%)
- Green (88%)
- Blue (70%)



- Red (70%)
- Yellow (88%)
- Blue (87%)



- Cyan (19%)
- Magenta (0%)
- Yellow (20%)
- Black (12%)



- Cyan (29%)
- Magenta (12%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8484, 66.3897, 52.6242 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 53.8484, 66.3897, 52.6242 by changing the saturation by 10% instead.

■ 53.8484, 66.3897,
52.6242

■ 53.8484, 66.3897,
52.6242

391.7394,
447.7693, 413.8670

■ 38.7107, 48.5888,
37.1172

■ 95.0098, 114.0455,
95.4871

■ 26.7144, 34.2934,
25.0017

121.7642,
144.6692, 123.6800

■ 17.4943, 23.1191,
15.8593

153.1215,
180.3359, 156.9387

■ 10.6850, 14.6815,
9.2714

189.4471,
221.4301, 195.6817

■ 5.9212, 8.5961,
4.8194

231.1064,
268.3361, 240.3274

■ 2.8374, 4.4787,
2.0848

278.4646,

■ 1.0684, 1.9448,

321.4384, 291.2946

0.6067

331.8872,
381.1213, 349.0016

0.0000, 0.5751,
0.0000

0.0000, 0.0000,
0.0000

53.8484, 66.3897,
52.6242

53.8484, 66.3897,
52.6242

47.1253, 63.1666,
41.4288

61.7142, 70.1632,
65.7970

41.4869, 60.4603,
32.1112

70.7669, 74.5022,
81.0314

36.8778, 58.2463,
24.5701

81.0547, 79.4317,
98.4123

33.2359, 56.4952,
18.6924

85.9469, 81.7939,
105.8656

■ 30.4922, 55.1740,
14.3527

■ 28.5686, 54.2455,
11.4071

■ 27.3737, 53.6664,
9.6851

■ 26.7815, 53.3781,
8.8915

Harmonies

Analogous

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



58.5756, 66.3897, 44.1871



53.8484, 66.3897, 52.6242



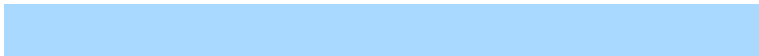
51.6338, 66.3897, 67.4943

Triad

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



53.8484, 66.3897, 52.6242



61.4050, 66.3897, 113.3221



75.2670, 66.3897, 59.7997

Complementary

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



53.8484, 66.3897, 52.6242



59.7015, 53.1535, 77.6374

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.



76.1525, 66.3897, 77.3015



53.8484, 66.3897, 52.6242



67.8546, 66.3897, 110.3182

Square

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



53.8484, 66.3897, 52.6242



55.7990, 66.3897, 103.9462



73.3580, 66.3897, 96.3234



71.0146, 66.3897, 47.8132

Rectangle

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



53.8484, 66.3897, 52.6242



51.7676, 66.3897, 79.9259



73.3580, 66.3897, 96.3234



75.9794, 66.3897, 65.1512

Sweetspot

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



53.8502, 66.3925, 52.6257



87.5079, 96.3853, 96.1967



64.9350, 71.2151, 52.9723



18.5623, 20.5499, 20.3074



0.0000, 0.0000, 0.0000



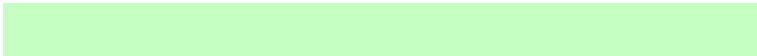
20.3446, 21.4041, 23.3091

Same Dimension

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



53.8502, 66.3925, 52.6257



68.3754, 87.2116, 64.1510



55.5860, 67.0331, 64.1961



13.5848, 15.3661, 14.5567



15.6134, 31.0815, 5.1764



1.1024, 2.1648, 0.3597

Inverse Universe

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



59.7015, 53.1535, 77.6374



77.5440, 66.4625, 103.3493



57.7319, 52.4368, 64.0503



14.2317, 13.9030, 17.3211



24.0082, 11.4720, 41.9973



1.6830, 0.8049, 2.9119

Previews

White Background



This preview shows how the XYZ color 53.8484, 66.3897, 52.6242 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 53.8484, 66.3897, 52.6242 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

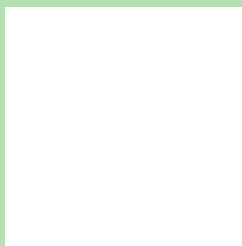
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.8484, 66.3897, 52.6242

Background



This preview shows how black text looks on a background with the XYZ color 53.8484, 66.3897, 52.6242.



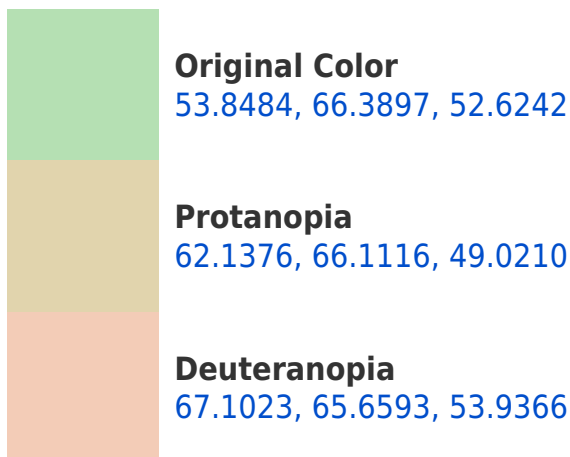
This preview shows how white text looks on a background with the XYZ color 53.8484, 66.3897,

52.6242.

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





Tritanopia

60.8993, 66.5134, 87.4705

Trichromacy



Original Color

53.8484, 66.3897, 52.6242

Protanomaly

58.5882, 65.7622, 50.1629

Deuteranomaly

61.2530, 65.1816, 53.6089

Tritanomaly

58.2243, 66.6062, 73.4059

Monochromacy



Original Color

53.8484, 66.3897, 52.6242

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

56.7840, 63.4443, 61.4777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8484, 66.3897, 52.6242 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(181, 224, 179)` looks like.

```
.text, #text, p{  
    color:rgb(181, 224, 179)  
}
```

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(181, 224, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 224, 179) }
```

Border

The CSS property to change the border of an element to XYZ 53.8484, 66.3897, 52.6242 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(181, 224, 179) }
```


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

```
.border{ border-color:rgb(181, 224, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 224, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 224, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 224, 179);  
box-shadow:4px 4px 4px 4px rgb(181, 224,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8484, 66.3897, 52.6242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 224, 179) }
```

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

```
.background{ background-color: rgb(181,  
224, 179) }
```

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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