

Converting Colors

XYZ(53.4843, 66.1903, 53.1371)

Have a look what the booklet for
XYZ(53.4843, 66.1903, 53.1371)
contains.

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Color

**XYZ(53.4843, 66.1903,
53.1371)**

Conversions

Conversions Part 1

Format	Color
Hex	B3E0B4
RGB	179, 224, 180
RGB Percent	70%, 88%, 71%
CMY	0.2980, 0.1215, 0.2941
CMYK	0.20, 0.00, 0.20, 0.12
HSL	121°, 42%, 79%
HSV	121°, 20%, 88%
XYZ	53.4843, 66.1903, 53.1371
YIQ	205.5290, -12.6960, -23.2240

Conversions

Conversions Part 2

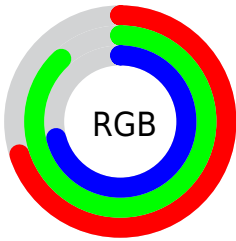
Format	Color
RYB	179, 223, 224
Decimal	11788468
CIELab	85.09, -22.95, 16.84
CIELCh	85, 28.467, 143.740
Yxy	66.1903, 0.3095, 0.3830
Android (android.graphics.Color)	4289978548 (0xFFB3E0B4)
YUV	205.5290, -12.5858, -23.2659
Hunter-Lab	81.3574, -25.0297, 18.2260

Details

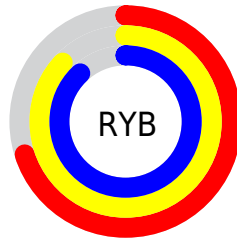
The XYZ color **53.4843, 66.1903, 53.1371** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **60.1822, 53.4167, 76.9536**, and the grayscale version is **58.4503, 61.4943, 66.9673**.

A 20% lighter version of the original color is **85.1613, 95.2383, 93.2512**, and **26.6229, 34.3439, 25.3045** is the 20% darker color. If you saturate the color by 10%, you get **46.6639, 62.9139, 42.0768**, and if you desaturate by 10%, it is **61.5019, 70.0469, 66.0967**.

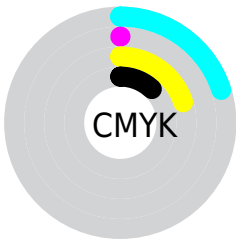
Distribution



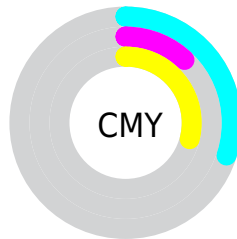
- Red (70%)
- Green (88%)
- Blue (71%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4843, 66.1903, 53.1371 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 53.4843, 66.1903, 53.1371 by changing the saturation by 10% instead.

■ 53.4843, 66.1903,
53.1371

■ 53.4843, 66.1903,
53.1371

390.3709,
447.0572, 415.8921

■ 38.4186, 48.4269,
37.5238

■ 94.4780, 113.7594,
96.2497

■ 26.4864, 34.1651,
25.3143

121.1366,
144.3339, 124.5860

■ 17.3224, 23.0204,
16.0902

152.3902,
179.9476, 158.0003

■ 10.5614, 14.6086,
9.4330

188.6042,
220.9848, 196.9113

■ 5.8378, 8.5452,
4.9240

230.1439,
267.8300, 241.7374

■ 2.7864, 4.4457,
2.1448

277.3747,

■ 1.0419, 1.9259,

320.8675, 292.8973

0.6422

330.6619,
380.4818, 350.8093

■ 0.0000, 0.5639,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.4843, 66.1903,
53.1371

■ 53.4843, 66.1903,
53.1371

■ 46.6639, 62.9139,
42.0768

■ 61.5019, 70.0469,
66.0967

■ 40.9784, 60.1819,
32.8225

■ 70.7645, 74.5009,
81.0341

■ 36.3677, 57.9671,
25.2796

■ 81.3241, 79.5794,
98.0291

■ 32.7642, 56.2371,
19.3433

■ 85.9469, 81.7939,
105.8656

■ 30.0926, 54.9555,
14.8971

■ 28.2672, 54.0810,
11.8091

■ 27.1864, 53.5644,
9.9240

■ 26.6842, 53.3248,
9.0293

Harmonies

Analogous

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



58.0775, 66.1903, 44.3377



53.4843, 66.1903, 53.1371



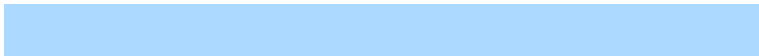
51.4342, 66.1903, 68.2876

Triad

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



53.4843, 66.1903, 53.1371



61.5770, 66.1903, 113.1785



74.8869, 66.1903, 58.7682

Complementary

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



53.4843, 66.1903, 53.1371



60.1822, 53.4167, 76.9536

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.



75.9815, 66.1903, 75.9895



53.4843, 66.1903, 53.1371



68.0074, 66.1903, 109.4674

Square

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



53.4843, 66.1903, 53.1371



55.8975, 66.1903, 104.4579



73.3869, 66.1903, 95.0378



70.4899, 66.1903, 47.1817

Rectangle

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



53.4843, 66.1903, 53.1371



51.6788, 66.1903, 80.7866



73.3869, 66.1903, 95.0378



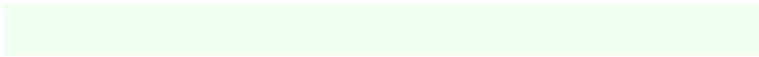
75.6652, 66.1903, 64.0040

Sweetspot

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



53.4861, 66.1931, 53.1386



87.3276, 96.2865, 96.4518



65.3037, 72.2971, 53.1614



18.5198, 20.5266, 20.3674



0.0000, 0.0000, 0.0000



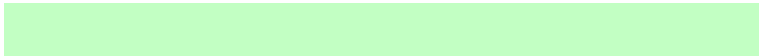
20.3446, 21.4041, 23.3091

Same Dimension

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



53.4861, 66.1931, 53.1386



67.8253, 86.9103, 64.9256



55.9383, 67.1740, 66.0520



13.5411, 15.3422, 14.6186



15.5370, 31.0396, 5.2847



1.0814, 2.1533, 0.3896

Inverse Universe

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



60.1822, 53.4167, 76.9536



78.3190, 66.8873, 102.2461



57.3759, 52.2942, 62.1759



14.2812, 13.9301, 17.2509



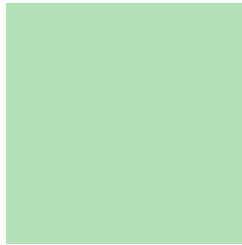
25.3433, 12.2043, 40.0689



1.7609, 0.8476, 2.7997

Previews

White Background



This preview shows how the XYZ color 53.4843, 66.1903, 53.1371 looks on a white background.

Color Contrast Check

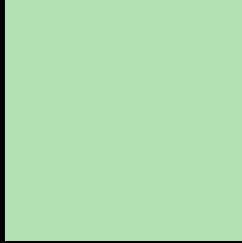
Large Text (above 18pt) WCAG AA × Fail

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 53.4843, 66.1903, 53.1371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

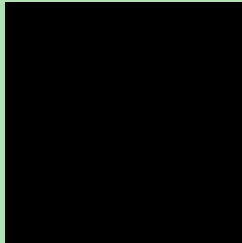
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4843, 66.1903, 53.1371

Background



This preview shows how black text looks on a background with the XYZ color 53.4843, 66.1903, 53.1371.

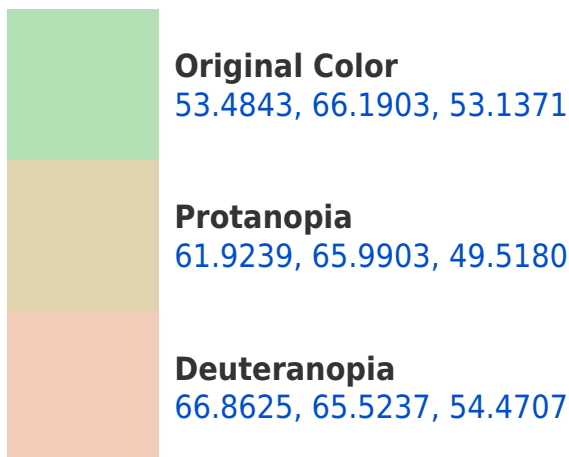


This preview shows how white text looks on a background with the XYZ color 53.4843, 66.1903,

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

60.4032, 66.2576, 87.4473

Trichromacy



Original Color

53.4843, 66.1903, 53.1371

Protanomaly

58.4048, 65.6562, 50.6690

Deuteranomaly

61.0549, 65.0675, 54.1411

Tritanomaly

57.7384, 66.3557, 73.3831

Monochromacy



Original Color

53.4843, 66.1903, 53.1371

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

56.6372, 63.3555, 62.0671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4843, 66.1903, 53.1371 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(179, 224, 180)` looks like.

```
.text, #text, p{  
    color:rgb(179, 224, 180)  
}
```

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(179, 224, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 224, 180) }
```

Border

The CSS property to change the border of an element to XYZ 53.4843, 66.1903, 53.1371 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(179, 224, 180) }
```


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

```
.border{ border-color:rgb(179, 224, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 224, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 224, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 224, 180);  
box-shadow:4px 4px 4px 4px rgb(179, 224,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4843, 66.1903, 53.1371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 224, 180) }
```

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

```
.background{ background-color: rgb(179,  
224, 180) }
```

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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