

Converting Colors

XYZ(53.4200, 61.9257, 51.8009)

Have a look what the booklet for
XYZ(53.4200, 61.9257, 51.8009)
contains.

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Color

**XYZ(53.4168, 61.9195,
51.7841)**

Conversions

Conversions Part 1

Format	Color
Hex	BFD5B3
RGB	191, 213, 179
RGB Percent	75%, 84%, 70%
CMY	0.2510, 0.1647, 0.2980
CMYK	0.10, 0.00, 0.16, 0.16
HSL	99°, 29%, 77%
HSV	99°, 16%, 84%
XYZ	53.4168, 61.9195, 51.7841
YIQ	202.5460, -2.1980, -15.2380

Conversions

Conversions Part 2

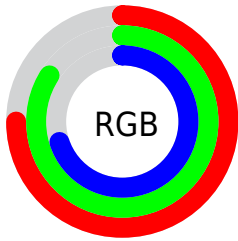
Format	Color
RYB	179, 213, 201
Decimal	12572083
CIELab	82.87, -13.55, 14.35
CIELCh	83, 19.736, 133.346
Yxy	61.9195, 0.3196, 0.3705
Android (android.graphics.Color)	4290762163 (0xFFBFD5B3)
YUV	202.5460, -11.6082, -10.1258
Hunter-Lab	78.6889, -16.5336, 16.0643

Details

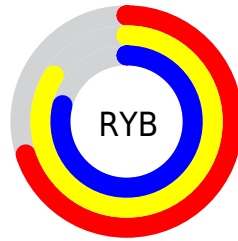
The XYZ color **53.4168, 61.9195, 51.7841** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.2201, 49.4635, 69.7491**, and the grayscale version is **56.5529, 59.4981, 64.7934**.

A 20% lighter version of the original color is **89.4668, 97.4746, 92.6963**, and **26.3093, 31.2784, 24.3894** is the 20% darker color. If you saturate the color by 10%, you get **48.1224, 59.4219, 41.1463**, and if you desaturate by 10%, it is **59.3737, 64.7237, 64.1925**.

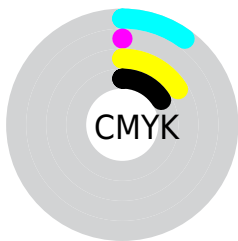
Distribution



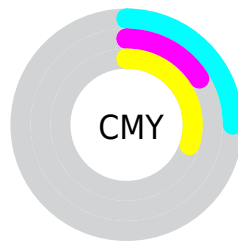
- Red (75%)
- Green (84%)
- Blue (70%)



- Red (70%)
- Yellow (84%)
- Blue (79%)



- Cyan (10%)
- Magenta (0%)
- Yellow (16%)
- Black (16%)



- Cyan (25%)
- Magenta (16%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4168, 61.9195, 51.7841 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 53.4168, 61.9195, 51.7841 by changing the saturation by 10% instead.

■ 53.4168, 61.9195,
51.7841

■ 53.4168, 61.9195,
51.7841

390.1169,
431.6374, 410.5358

■ 38.3644, 44.9677,
36.4520

■ 94.3793, 107.6092,
94.2361

■ 26.4441, 31.4320,
24.4910

121.0202,
137.1158, 122.1930

■ 17.2906, 20.9280,
15.4827

152.2546,
171.5761, 155.1953

■ 10.5385, 13.0714,
9.0085

188.4478,
211.3746, 193.6615

■ 5.8224, 7.4777,
4.6498

229.9653,
256.8955, 238.0100

■ 2.7770, 3.7626,
1.9882

277.1725,

■ 1.0370, 1.5417,

308.5234, 288.6596

0.5480

330.4345,
366.6426, 346.0287

■ 0.0000, 0.3178,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.4168, 61.9195,
51.7841

■ 53.4168, 61.9195,
51.7841

■ 48.1224, 59.4219,
41.1463

■ 59.3737, 64.7237,
64.1925

■ 43.4612, 57.2123,
32.1946

■ 66.0108, 67.8368,
78.4430

■ 39.4091, 55.2819,
24.8433

■ 73.3517, 71.2709,
94.6080

■ 35.9385, 53.6185,
18.9979

■ 79.8992, 74.4283,
104.7627

■ 33.0193, 52.2090,
14.5537

■ 83.0855, 76.0709,
104.9118

■ 30.6182, 51.0386,
11.3927

■ 28.6976, 50.0912,
9.3775

■ 27.2130, 49.3473,
8.3376

■ 26.7103, 49.0936,
8.0682

Harmonies

Analogous

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



56.9854, 61.9195, 47.1057



53.4168, 61.9195, 51.7841



51.3616, 61.9195, 60.9289

Triad

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



53.4168, 61.9195, 51.7841



56.5403, 61.9195, 92.4348



67.1722, 61.9195, 62.1577

Complementary

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



53.4168, 61.9195, 51.7841



52.2201, 49.4635, 69.7491

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.



67.0388, 61.9195, 74.3561



53.4168, 61.9195, 51.7841



60.7602, 61.9195, 92.8673

Square

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



53.4168, 61.9195, 51.7841



53.1045, 61.9195, 84.8043



64.6453, 61.9195, 85.9231



65.0013, 61.9195, 52.5900

Rectangle

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



53.4168, 61.9195, 51.7841



51.0616, 61.9195, 68.7958



64.6453, 61.9195, 85.9231



67.3983, 61.9195, 66.0623

Sweetspot

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



53.4185, 61.9222, 51.7854



90.0940, 97.6745, 98.3060



56.3577, 58.9593, 51.0586



19.1393, 20.8385, 20.7351



0.0000, 0.0000, 0.0000



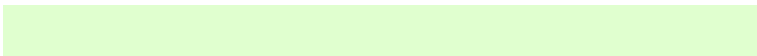
20.3446, 21.4041, 23.3091

Same Dimension

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



53.4185, 61.9222, 51.7854



77.5989, 91.7941, 72.3716



50.9894, 60.6161, 54.1051



12.6718, 14.1070, 13.2158



16.4158, 30.0390, 4.9329



1.0785, 1.8574, 0.3017

Inverse Universe

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



52.2201, 49.4635, 69.7491



75.4811, 69.7881, 104.0999



55.0056, 50.9650, 66.9169



12.5080, 12.4033, 15.6723



13.8365, 6.2855, 38.9371



0.9228, 0.4246, 2.3526

Previews

White Background



This preview shows how the XYZ color 53.4168, 61.9195, 51.7841 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 53.4168, 61.9195, 51.7841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

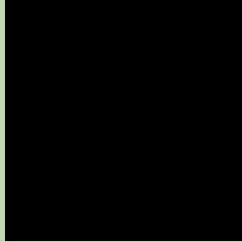
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

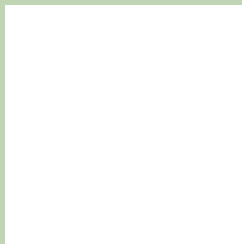
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.4168, 61.9195, 51.7841

Background



This preview shows how black text looks on a background with the XYZ color 53.4168, 61.9195, 51.7841.



This preview shows how white text looks on a background with the XYZ color 53.4168, 61.9195,

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

53.4168, 61.9195, 51.7841

Protanopia

58.1845, 61.5095, 49.3633

Deuteranopia

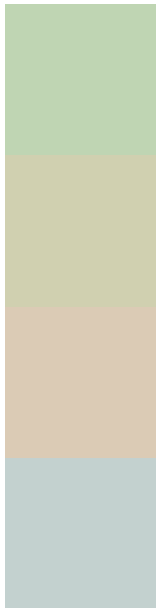
62.8985, 61.4277, 52.7976



Tritanopia

58.9208, 61.9591, 78.6659

Trichromacy



Original Color

53.4168, 61.9195, 51.7841

Protanomaly

56.4048, 61.6562, 50.0023

Deuteranomaly

58.9098, 61.1081, 52.4062

Tritanomaly

56.5686, 61.7080, 67.9608

Monochromacy



Original Color

53.4168, 61.9195, 51.7841

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.6036, 60.6628, 59.8174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4168, 61.9195, 51.7841 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(191, 213, 179)` looks like.

```
.text, #text, p{  
    color:rgb(191, 213, 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(191, 213, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 213, 179) }
```

Border

The CSS property to change the border of an element to XYZ 53.4168, 61.9195, 51.7841 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(191, 213, 179) }
```


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

```
.border{ border-color:rgb(191, 213, 179) }
```

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

Here you see how a box with a 4 pixel rgb(191, 213, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 213, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 213, 179);  
box-shadow:4px 4px 4px 4px rgb(191, 213,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4168, 61.9195, 51.7841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 213, 179) }
```

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

```
.background{ background-color: rgb(191,  
213, 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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