

Converting Colors

XYZ(51.3726, 61.0831, 52.8300)

Have a look what the booklet for
XYZ(51.3726, 61.0831, 52.8300)
contains.

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Color

**XYZ(51.4431, 61.2531,
52.8277)**

Conversions

Conversions Part 1

Format	Color
Hex	B5D6B5
RGB	181, 214, 181
RGB Percent	71%, 84%, 71%
CMY	0.2902, 0.1608, 0.2902
CMYK	0.15, 0.00, 0.15, 0.16
HSL	120°, 29%, 77%
HSV	120°, 15%, 84%
XYZ	51.4431, 61.2531, 52.8277
YIQ	200.3710, -9.0750, -17.2590

Conversions

Conversions Part 2

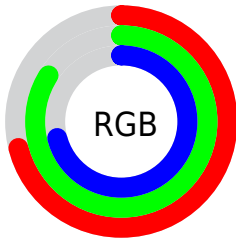
Format	Color
RYB	181, 214, 214
Decimal	11916981
CIELab	82.51, -17.16, 12.70
CIELCh	83, 21.345, 143.499
Yxy	61.2531, 0.3108, 0.3701
Android (android.graphics.Color)	4290107061 (0xFFB5D6B5)
YUV	200.3710, -9.5499, -16.9884
Hunter-Lab	78.2644, -19.6347, 14.7649

Details

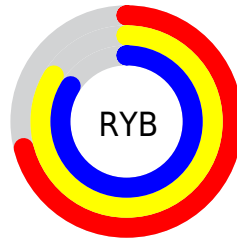
The XYZ color **51.4431, 61.2531, 52.8277** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **56.3952, 52.2003, 70.7245**, and the grayscale version is **55.1909, 58.0651, 63.2329**.

A 20% lighter version of the original color is **85.9711, 95.6389, 94.0498**, and **25.1965, 30.9440, 25.0669** is the 20% darker color. If you saturate the color by 10%, you get **44.7756, 58.0522, 41.9205**, and if you desaturate by 10%, it is **59.2220, 64.9915, 65.5502**.

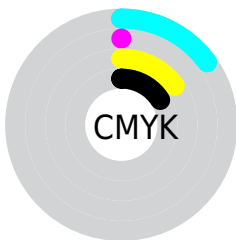
Distribution



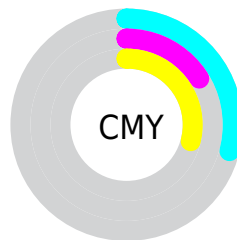
- Red (71%)
- Green (84%)
- Blue (71%)



- Red (71%)
- Yellow (84%)
- Blue (84%)



- Cyan (15%)
- Magenta (0%)
- Yellow (15%)
- Black (16%)



- Cyan (29%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.4431, 61.2531, 52.8277 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 51.4431, 61.2531, 52.8277 by changing the saturation by 10% instead.

■ 51.4431, 61.2531,
52.8277

■ 51.4431, 61.2531,
52.8277

382.6422,
429.2014, 414.6713

■ 36.7838, 44.4295,
37.2785

■ 91.4885, 106.6453,
95.7898

■ 25.2131, 31.0083,
25.1257

117.6054,
135.9827, 124.0397

■ 16.3655, 20.6051,
15.9508

148.2722,
170.2601, 157.3602

■ 9.8756, 12.8357,
9.3354

183.8542,
209.8619, 196.1699

■ 5.3782, 7.3155,
4.8608

224.7169,
255.1726, 240.8873

■ 2.5078, 3.6602,
2.1085

271.2256,

■ 0.8992, 1.4853,

306.5764, 291.9310

0.6208

323.7455,
364.4579, 349.7195

0.0000, 0.2784,
0.0000

0.0000, 0.0000,
0.0000

51.4431, 61.2531,
52.8277

51.4431, 61.2531,
52.8277

44.7756, 58.0522,
41.9205

59.2220, 64.9915,
65.5502

39.1642, 55.3567,
32.7420

68.1546, 69.2823,
80.1610

34.5562, 53.1433,
25.2048

78.2870, 74.1494,
96.7342

30.8925, 51.3834,
19.2121

83.3378, 76.5756,
104.9959

■ 28.1078, 50.0458,
14.6571

■ 26.1284, 49.0950,
11.4194

■ 24.8688, 48.4899,
9.3590

■ 24.2241, 48.1803,
8.3044

■ 24.0478, 48.0956,
8.0160

Harmonies

Analogous

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



54.7882, 61.2531, 46.1907



51.4431, 61.2531, 52.8277



49.9245, 61.2531, 63.8877

Triad

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



51.4431, 61.2531, 52.8277



57.2308, 61.2531, 94.9259



66.6476, 61.2531, 57.1624

Complementary

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



51.4431, 61.2531, 52.8277



56.3952, 52.2003, 70.7245

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.



67.3853, 61.2531, 69.5818



51.4431, 61.2531, 52.8277



61.7906, 61.2531, 92.5127

Square

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



51.4431, 61.2531, 52.8277



53.1514, 61.2531, 89.0168



65.5657, 61.2531, 82.7968



63.5994, 61.2531, 48.4552

Rectangle

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



51.4431, 61.2531, 52.8277



50.0926, 61.2531, 72.7374



65.5657, 61.2531, 82.7968



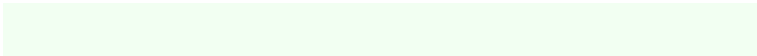
67.1804, 61.2531, 60.9954

Sweetspot

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



51.4448, 61.2557, 52.8290



88.5284, 96.8674, 98.2329



60.1213, 65.7287, 53.2348



18.7601, 20.6430, 20.7174



0.0000, 0.0000, 0.0000



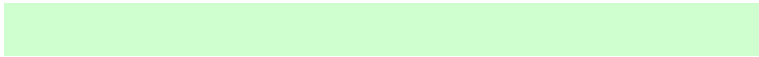
20.3446, 21.4041, 23.3091

Same Dimension

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



51.4448, 61.2557, 52.8290



72.5742, 89.2037, 72.1369



53.2399, 61.9738, 62.2821



12.2625, 13.8960, 13.1966



14.5346, 29.0692, 4.8449



0.8767, 1.7533, 0.2922

Inverse Universe

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



56.3952, 52.2003, 70.7245



81.4938, 72.8879, 104.3807



54.3928, 51.3994, 60.1803



12.9531, 12.6327, 15.6931



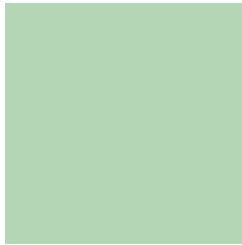
24.0981, 11.5756, 39.4161



1.4535, 0.6982, 2.3774

Previews

White Background



This preview shows how the XYZ color 51.4431, 61.2531, 52.8277 looks on a white background.

Color Contrast Check

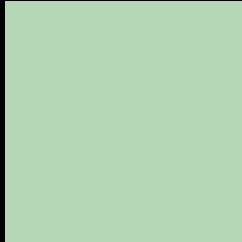
Large Text (above 18pt) WCAG AA × Fail

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 51.4431, 61.2531, 52.8277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

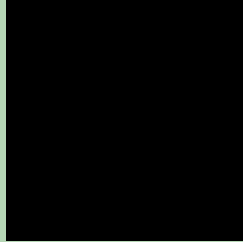
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.4431, 61.2531, 52.8277

Background



This preview shows how black text looks on a background with the XYZ color 51.4431, 61.2531, 52.8277.



This preview shows how white text looks on a background with the XYZ color 51.4431, 61.2531,

52.8277.

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

51.4431, 61.2531, 52.8277

Protanopia

57.4537, 60.7674, 49.7754

Deuteranopia

62.1245, 61.0047, 53.8482



Tritanopia

56.7495, 61.1849, 79.3399

Trichromacy



Original Color

51.4431, 61.2531, 52.8277

Protanomaly

55.2204, 61.0226, 50.9876

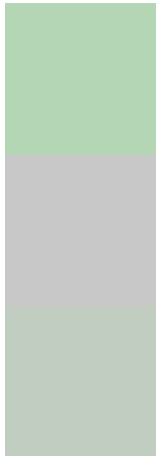
Deuteranomaly

57.5807, 60.7508, 53.4910

Tritanomaly

54.4393, 60.9615, 68.5720

Monochromacy



Original Color

51.4431, 61.2531, 52.8277

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.4493, 58.8504, 58.9943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4431, 61.2531, 52.8277 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, 214, 181)` looks like.

```
.text, #text, p{  
    color:rgb(181, 214, 181)  
}
```

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, 214, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 214, 181) }
```

Border

The CSS property to change the border of an element to XYZ 51.4431, 61.2531, 52.8277 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, 214, 181) }
```


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

```
.border{ border-color:rgb(181, 214, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 214, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 214, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 214, 181);  
box-shadow:4px 4px 4px 4px rgb(181, 214,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4431, 61.2531, 52.8277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 214, 181) }
```

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

```
.background{ background-color: rgb(181,  
214, 181) }
```

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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