

Converting Colors

XYZ(50.6605, 60.0547, 54.8206)

Have a look what the booklet for
XYZ(50.6605, 60.0547, 54.8206)
contains.

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Color

**XYZ(50.6605, 60.0547,
54.8206)**

Conversions

Conversions Part 1

Format	Color
Hex	B2D4B9
RGB	178, 212, 185
RGB Percent	70%, 83%, 73%
CMY	0.3020, 0.1686, 0.2745
CMYK	0.16, 0.00, 0.13, 0.17
HSL	132°, 28%, 76%
HSV	132°, 16%, 83%
XYZ	50.6605, 60.0547, 54.8206
YIQ	198.7560, -11.5970, -15.6050

Conversions

Conversions Part 2

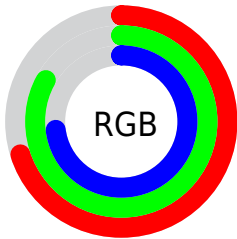
Format	Color
R_{YB}	178, 206, 212
Decimal	11719865
CIE _{Lab}	81.87, -16.45, 9.63
CIE _{LCh}	82, 19.059, 149.651
Yxy	60.0547, 0.3060, 0.3628
Android (android.graphics.Color)	4289909945 (0xFFB2D4B9)
YUV	198.7560, -6.7817, -18.2030
Hunter-Lab	77.4950, -18.9260, 12.3042

Details

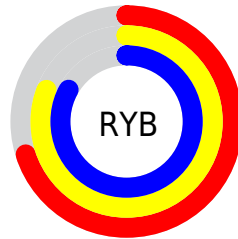
The XYZ color **50.6605, 60.0547, 54.8206** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **54.0933, 50.2470, 64.6078**, and the grayscale version is **54.1835, 57.0053, 62.0787**.

A 20% lighter version of the original color is **85.5689, 95.3633, 97.1161**, and **24.6793, 30.1399, 26.3466** is the 20% darker color. If you saturate the color by 10%, you get **44.4938, 57.0707, 45.7976**, and if you desaturate by 10%, it is **57.7928, 63.5156, 64.9900**.

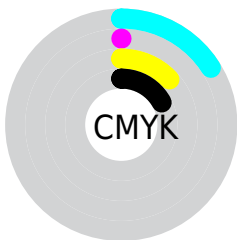
Distribution



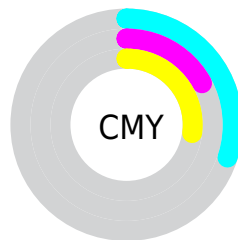
- Red (70%)
- Green (83%)
- Blue (73%)



- Red (70%)
- Yellow (81%)
- Blue (83%)



- Cyan (16%)
- Magenta (0%)
- Yellow (13%)
- Black (17%)



- Cyan (30%)
- Magenta (17%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.6605, 60.0547, 54.8206 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 50.6605, 60.0547, 54.8206 by changing the saturation by 10% instead.

■ 50.6605, 60.0547,
54.8206

■ 50.6605, 60.0547,
54.8206

379.6527,
424.7994, 422.4943

■ 36.1584, 43.4627,
38.8605

■ 90.3387, 104.9090,
98.7466

■ 24.7273, 30.2483,
26.3442

116.2456,
133.9401, 127.5495

■ 16.0016, 20.0272,
16.8532

146.6848,
167.8864, 161.4704

■ 9.6162, 12.4148,
9.9691

182.0216,
207.1323, 200.9279

■ 5.2055, 7.0268,
5.2731

222.6215,
252.0621, 246.3405

■ 2.4043, 3.4789,
2.3469

268.8497,

■ 0.8473, 1.3866,

303.0603, 298.1268

0.7573

321.0717,
360.5113, 356.7052

■ 0.0000, 0.2068,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.6605, 60.0547,
54.8206

■ 50.6605, 60.0547,
54.8206

■ 44.4938, 57.0707,
45.7976

■ 57.7928, 63.5156,
64.9900

■ 39.2459, 54.5352,
37.8768

■ 65.9249, 67.4650,
76.3400

■ 34.8738, 52.4286,
31.0172

■ 75.0954, 71.9239,
88.9081

■ 31.3288, 50.7267,
25.1734

■ 82.4100, 75.3994,
102.5922

■ 28.5573, 49.4031,
20.2971

■ 82.8346, 75.5693,
104.8282

■ 26.4995, 48.4277,
16.3357

■ 25.0861, 47.7663,
13.2317

■ 24.2323, 47.3765,
10.9208

■ 23.9926, 47.2685,
10.2074

Harmonies

Analogous

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



53.3376, 60.0547, 47.9614



50.6605, 60.0547, 54.8206



49.6878, 60.0547, 65.2545

Triad

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



50.6605, 60.0547, 54.8206



57.0331, 60.0547, 90.1436



64.0714, 60.0547, 55.0287

Complementary

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



50.6605, 60.0547, 54.8206



54.0933, 50.2470, 64.6078

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.



65.1717, 60.0547, 65.5244



50.6605, 60.0547, 54.8206



60.9939, 60.0547, 86.5978

Square

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



50.6605, 60.0547, 54.8206



53.2596, 60.0547, 86.4351



64.0205, 60.0547, 77.2360



61.0793, 60.0547, 48.0713

Rectangle

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



50.6605, 60.0547, 54.8206



50.0996, 60.0547, 73.1274



64.0205, 60.0547, 77.2360



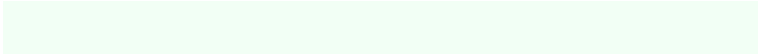
64.6809, 60.0547, 58.2174

Sweetspot

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



50.6621, 60.0572, 54.8219



88.9262, 97.0265, 100.3272



56.8138, 63.3118, 51.3461



18.8564, 20.6815, 21.2242



0.0000, 0.0000, 0.0000



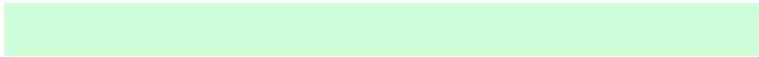
20.3446, 21.4041, 23.3091

Same Dimension

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



50.6621, 60.0572, 54.8219



73.8292, 89.7057, 78.7457



52.5424, 60.8094, 64.7234



12.3659, 13.9374, 13.7415



14.8406, 29.1916, 6.4561



0.9256, 1.7729, 0.5497

Inverse Universe

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



54.0933, 50.2470, 64.6078



79.9292, 72.2620, 96.1416



52.1723, 49.4786, 54.4919



12.8384, 12.5869, 15.0892



21.1829, 10.4095, 24.0647



1.3059, 0.6392, 1.6003

Previews

White Background



This preview shows how the XYZ color 50.6605, 60.0547, 54.8206 looks on a white background.

Color Contrast Check

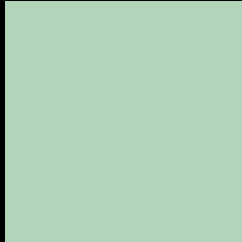
Large Text (above 18pt) WCAG AA × Fail

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 50.6605, 60.0547, 54.8206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

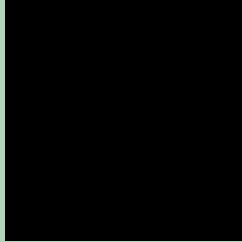
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.6605, 60.0547, 54.8206

Background



This preview shows how black text looks on a background with the XYZ color 50.6605, 60.0547, 54.8206.



This preview shows how white text looks on a background with the XYZ color 50.6605, 60.0547,

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

50.6605, 60.0547, 54.8206

Protanopia

56.5101, 59.5334, 51.6927

Deuteranopia

60.8119, 59.6047, 55.8767



Tritanopia

55.6397, 60.2676, 78.5123

Trichromacy



Original Color

50.6605, 60.0547, 54.8206

Protanomaly

54.3342, 59.7994, 52.9347

Deuteranomaly

56.6685, 59.5306, 55.5175

Tritanomaly

53.6005, 60.1495, 69.1066

Monochromacy



Original Color

50.6605, 60.0547, 54.8206

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

52.8163, 58.1571, 59.4807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6605, 60.0547, 54.8206 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(178, 212, 185)` looks like.

```
.text, #text, p{  
    color:rgb(178, 212, 185)  
}
```

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(178, 212, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 212, 185) }
```

Border

The CSS property to change the border of an element to XYZ 50.6605, 60.0547, 54.8206 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(178, 212, 185) }
```


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

```
.border{ border-color:rgb(178, 212, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 212, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 212, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 212, 185);  
box-shadow:4px 4px 4px 4px rgb(178, 212,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6605, 60.0547, 54.8206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 212, 185) }
```

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

```
.background{ background-color: rgb(178,  
212, 185) }
```

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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