

Converting Colors

XYZ(52.4366, 61.7239, 54.2694)

Have a look what the booklet for
XYZ(52.4366, 61.7239, 54.2694)
contains.

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Color

**XYZ(52.4655, 61.7442,
54.5000)**

Conversions

Conversions Part 1

Format	Color
Hex	B8D6B8
RGB	184, 214, 184
RGB Percent	72%, 84%, 72%
CMY	0.2784, 0.1608, 0.2784
CMYK	0.14, 0.00, 0.14, 0.16
HSL	120°, 27%, 78%
HSV	120°, 14%, 84%
XYZ	52.4655, 61.7442, 54.5000
YIQ	201.6100, -8.2500, -15.6900

Conversions

Conversions Part 2

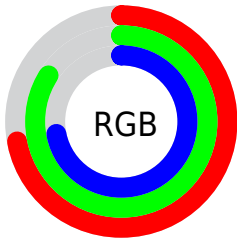
Format	Color
RYB	184, 214, 214
Decimal	12113592
CIELab	82.78, -15.61, 11.51
CIElCh	83, 19.392, 143.597
Yxy	61.7442, 0.3110, 0.3660
Android (android.graphics.Color)	4290303672 (0xFFB8D6B8)
YUV	201.6100, -8.6817, -15.4440
Hunter-Lab	78.5775, -18.3277, 13.8817

Details

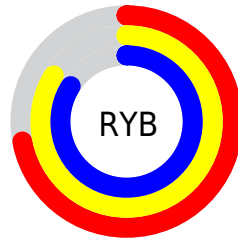
The XYZ color **52.4655, 61.7442, 54.5000** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **57.0119, 53.4337, 70.9302**, and the grayscale version is **55.9535, 58.8675, 64.1067**.

A 20% lighter version of the original color is **87.4234, 96.3365, 96.4252**, and **25.8549, 31.2603, 26.1439** is the 20% darker color. If you saturate the color by 10%, you get **45.6456, 58.4701, 43.3435**, and if you desaturate by 10%, it is **60.4037, 65.5591, 67.4829**.

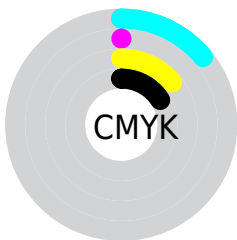
Distribution



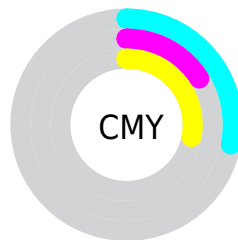
- Red (72%)
- Green (84%)
- Blue (72%)



- Red (72%)
- Yellow (84%)
- Blue (84%)



- Cyan (14%)
- Magenta (0%)
- Yellow (14%)
- Black (16%)



- Cyan (28%)
- Magenta (16%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4655, 61.7442, 54.5000 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 52.4655, 61.7442, 54.5000 by changing the saturation by 10% instead.

■ 52.4655, 61.7442,
54.5000

■ 52.4655, 61.7442,
54.5000

386.5256,
430.9974, 421.2422

■ 37.6020, 44.8260,
38.6057

■ 92.9876, 107.3557,
98.2718

■ 25.8498, 31.3204,
26.1476

119.3768,
136.8179, 126.9863

■ 16.8434, 20.8430,
16.7074

150.3388,
171.2302, 160.8113

■ 10.2175, 13.0093,
9.8663

186.2387,
210.9770, 200.1653

■ 5.6068, 7.4349,
5.2060

227.4420,
256.4428, 245.4668

■ 2.6458, 3.7356,
2.3078

274.3140,

■ 0.9694, 1.5268,

308.0118, 297.1345

0.7356

327.2201,
366.0686, 355.5868

■ 0.0000, 0.3075,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.4655, 61.7442,
54.5000

■ 52.4655, 61.7442,
54.5000

■ 45.6456, 58.4701,
43.3435

■ 60.4037, 65.5591,
67.4829

■ 39.8891, 55.7049,
33.9276

■ 69.5018, 69.9295,
82.3646

■ 35.1439, 53.4256,
26.1659

■ 79.8058, 74.8790,
99.2185

■ 31.3516, 51.6039,
19.9629

■ 83.3378, 76.5756,
104.9959

■ 28.4478, 50.2091,
15.2133

■ 26.3604, 49.2064,
11.7988

■ 25.0056, 48.5557,
9.5828

■ 24.2821, 48.2081,
8.3993

■ 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.



55.5341, 61.7442, 48.3031



52.4655, 61.7442, 54.5000



51.0723, 61.7442, 64.7003

Triad

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



52.4655, 61.7442, 54.5000



57.7963, 61.7442, 92.7315



66.3455, 61.7442, 58.4482

Complementary

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



52.4655, 61.7442, 54.5000



57.0119, 53.4337, 70.9302

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.



67.0211, 61.7442, 69.8226



52.4655, 61.7442, 54.5000



61.9550, 61.7442, 90.5468

Square

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



52.4655, 61.7442, 54.5000



54.0546, 61.7442, 87.4592



65.3797, 61.7442, 81.7999



63.5747, 61.7442, 50.3868

Rectangle

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



52.4655, 61.7442, 54.5000



51.2317, 61.7442, 72.7740



65.3797, 61.7442, 81.7999



66.8304, 61.7442, 61.9730

Sweetspot

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



52.4672, 61.7468, 54.5014



89.7974, 97.4769, 100.3084



60.4326, 65.8532, 54.8739



19.0157, 20.7658, 21.1354



0.0000, 0.0000, 0.0000



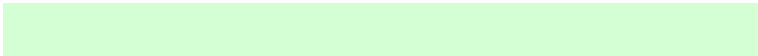
20.3446, 21.4041, 23.3091

Same Dimension

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



52.4672, 61.7468, 54.5014



74.6502, 90.2009, 75.5325



54.1244, 62.4097, 63.2283



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.



57.0119, 53.4337, 70.9302



82.7460, 75.3921, 104.7983



55.1829, 52.7021, 61.2988



12.9531, 12.6327, 15.6931



24.0981, 11.5756, 39.4164



1.4535, 0.6982, 2.3774

Previews

White Background



This preview shows how the XYZ color 52.4655, 61.7442, 54.5000 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 52.4655, 61.7442, 54.5000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

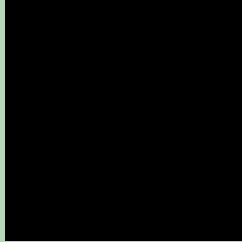
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

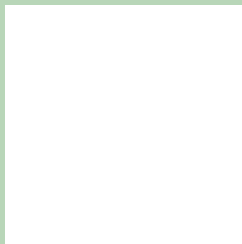
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.4655, 61.7442, 54.5000

Background



This preview shows how black text looks on a background with the XYZ color 52.4655, 61.7442, 54.5000.



This preview shows how white text looks on a background with the XYZ color 52.4655, 61.7442,

54.5000.

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

52.4655, 61.7442, 54.5000

Protanopia

57.9923, 61.3644, 51.4358

Deuteranopia

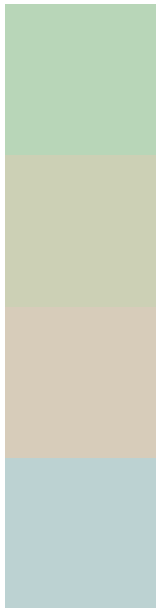
62.4424, 61.1318, 55.5223



Tritanopia

57.6323, 61.6244, 80.0913

Trichromacy



Original Color

52.4655, 61.7442, 54.5000

Protanomaly

55.7982, 61.2853, 52.6044

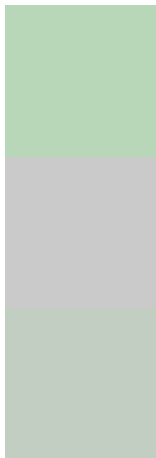
Deuteranomaly

58.4801, 61.1780, 55.1807

Tritanomaly

55.4185, 61.4377, 69.9106

Monochromacy



Original Color

52.4655, 61.7442, 54.5000

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.4273, 59.6848, 60.2815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4655, 61.7442, 54.5000 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(184, 214, 184)` looks like.

```
.text, #text, p{  
    color:rgb(184, 214, 184)  
}
```

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(184, 214, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 214, 184) }
```

Border

The CSS property to change the border of an element to XYZ 52.4655, 61.7442, 54.5000 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(184, 214, 184) }
```


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

```
.border{ border-color:rgb(184, 214, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 214, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 214, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 214, 184);  
box-shadow:4px 4px 4px 4px rgb(184, 214,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4655, 61.7442, 54.5000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 214, 184) }
```

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

```
.background{ background-color: rgb(184,  
214, 184) }
```

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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