

Converting Colors

XYZ(50.4621, 52.4636, 61.4388)

Have a look what the booklet for
XYZ(50.4621, 52.4636, 61.4388)
contains.

XYZ(50.4255, 52.4615, 61.5012)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.4255, 52.4615,
61.5012)**

Conversions

Conversions Part 1

Format	Color
Hex	BFBFC7
RGB	191, 191, 199
RGB Percent	75%, 75%, 78%
CMY	0.2510, 0.2510, 0.2196
CMYK	0.04, 0.04, 0.00, 0.22
HSL	240°, 7%, 76%
HSV	240°, 4%, 78%
XYZ	50.4255, 52.4615, 61.5012
YIQ	191.9120, -2.5680, 2.4880

Conversions

Conversions Part 2

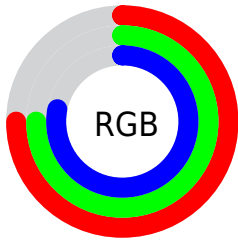
Format	Color
R_{YB}	191, 191, 199
Decimal	12566471
CIE _{Lab}	77.56, 1.51, -4.02
CIE _{LCh}	78, 4.296, 290.587
Yxy	52.4615, 0.3067, 0.3191
Android (android.graphics.Color)	4290756551 (0xFFBFBFC7)
YUV	191.9120, 3.4944, -0.7998
Hunter-Lab	72.4303, -2.4825, 0.3576

Details

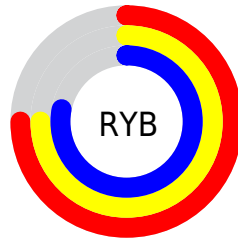
The XYZ color **50.4255, 52.4615, 61.5012** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.3807, 56.7501, 57.4316**, and the grayscale version is **50.0342, 52.6399, 57.3248**.

A 20% lighter version of the original color is **89.6685, 93.5157, 107.9320**, and **24.6805, 25.6246, 30.4333** is the 20% darker color. If you saturate the color by 10%, you get **41.7097, 41.9609, 59.9346**, and if you desaturate by 10%, it is **60.4136, 64.4956, 63.2984**.

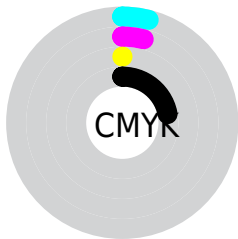
Distribution



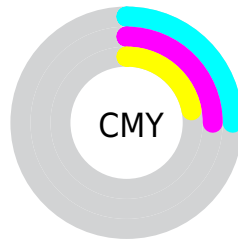
- Red (75%)
- Green (75%)
- Blue (78%)



- Red (75%)
- Yellow (75%)
- Blue (78%)



- Cyan (4%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)



- Cyan (25%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.4255, 52.4615, 61.5012 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 50.4255, 52.4615, 61.5012 by changing the saturation by 10% instead.

■ 50.4255, 52.4615,
61.5012

■ 50.4255, 52.4615,
61.5012

378.7521,
396.2157, 448.0666

■ 35.9708, 37.3731,
44.1966

■ 89.9931, 93.8115,
108.5689

■ 24.5816, 25.4965,
30.4868

115.8366,
120.8418, 139.1691

■ 15.8927, 16.4473,
19.9532

146.2071,
152.6216, 175.0382

■ 9.5386, 9.8412,
12.1773

181.4700,
189.5352, 216.5947

■ 5.1540, 5.2938,
6.7405

221.9906,
231.9670, 264.2573

■ 2.3736, 2.4207,
3.2244

268.1342,

■ 0.8319, 0.8365,

280.3014, 318.4445

1.2103

320.2663,
334.9229, 379.5747

■ 0.0000, 0.0000,
0.0000

■ 50.4255, 52.4615,
61.5012

■ 50.4255, 52.4615,
61.5012

■ 41.7097, 41.9609,
59.9346

■ 60.4136, 64.4956,
63.2984

■ 34.2107, 32.9258,
58.5858

■ 71.7173, 78.1142,
65.3313

■ 27.8759, 25.2932,
57.4465

■ 84.3837, 93.3743,
67.6092

■ 22.6469, 18.9927,
56.5060

■ 87.3090, 96.9036,
68.1362

■ 18.4603, 13.9481,
55.7529

■ 15.2464, 10.0752,
55.1748

■ 12.9268, 7.2798,
54.7574

■ 11.4112, 5.4530,
54.4847

■ 10.5903, 4.4632,
54.3369

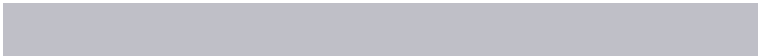
Harmonies

Analogous

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



49.6029, 52.4615, 61.7431



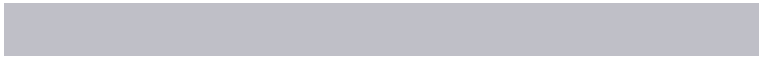
50.4255, 52.4615, 61.5012



51.1043, 52.4615, 60.0684

Triad

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



50.4255, 52.4615, 61.5012



50.8816, 52.4615, 53.6679



48.3075, 52.4615, 56.3785

Complementary

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



50.4255, 52.4615, 61.5012



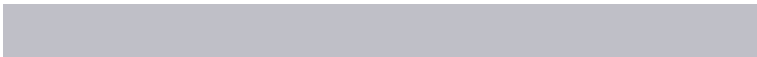
53.3807, 56.7501, 57.4316

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.



48.6421, 52.4615, 54.2729



50.4255, 52.4615, 61.5012



50.1241, 52.4615, 52.7368

Square

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



50.4255, 52.4615, 61.5012



51.3697, 52.4615, 55.5319



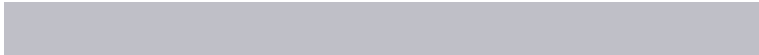
49.3049, 52.4615, 52.9551



48.3862, 52.4615, 58.7414

Rectangle

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



50.4255, 52.4615, 61.5012



51.3811, 52.4615, 58.6519



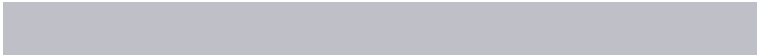
49.3049, 52.4615, 52.9551



48.3752, 52.4615, 55.6182

Sweetspot

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



50.4270, 52.4637, 61.5023



93.3102, 97.9039, 108.5871



52.2035, 56.0414, 62.0182



19.9906, 20.9776, 23.2454



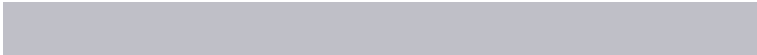
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



50.4270, 52.4637, 61.5023



86.5818, 89.7974, 107.3770



51.4117, 52.9704, 61.5483



10.7940, 11.1761, 13.5058



6.6294, 2.6528, 34.9070



0.3140, 0.1258, 1.6529

Inverse Universe

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



51.5892, 53.1664, 56.8359



89.1319, 91.3393, 97.1375



52.3684, 56.2292, 57.3844



11.1491, 11.3908, 12.0800



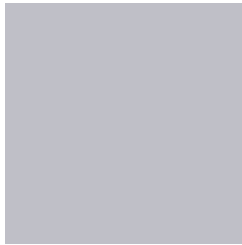
15.1456, 7.8078, 0.7105



0.7172, 0.3697, 0.0339

Previews

White Background



This preview shows how the XYZ color 50.4255, 52.4615, 61.5012 looks on a white background.

Color Contrast Check

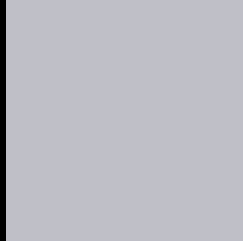
Large Text (above 18pt) WCAG AA × Fail

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 50.4255, 52.4615, 61.5012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

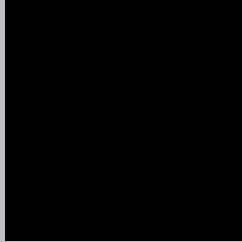
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.4255, 52.4615, 61.5012

Background



This preview shows how black text looks on a background with the XYZ color 50.4255, 52.4615, 61.5012.

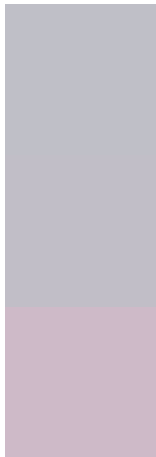


This preview shows how white text looks on a background with the XYZ color 50.4255, 52.4615,

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

50.4255, 52.4615, 61.5012

Protanopia

50.7146, 52.2879, 61.4525

Deuteranopia

53.4378, 52.4098, 61.9432



Tritanopia

51.1711, 52.4412, 65.1828

Trichromacy



Original Color

50.4255, 52.4615, 61.5012

Protanomaly

50.4605, 52.1569, 61.4406

Deuteranomaly

52.4959, 52.5541, 62.0207

Tritanomaly

50.9312, 52.3452, 63.9192

Monochromacy



Original Color

50.4255, 52.4615, 61.5012

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.4382, 52.8459, 59.1717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4255, 52.4615, 61.5012 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, 191, 199)` looks like.

```
.text, #text, p{  
    color:rgb(191, 191, 199)  
}
```

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, 191, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 191, 199) }
```

Border

The CSS property to change the border of an element to XYZ 50.4255, 52.4615, 61.5012 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, 191, 199) }
```


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

```
.border{ border-color:rgb(191, 191, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 191, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 191, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 191, 199);  
box-shadow:4px 4px 4px 4px rgb(191, 191,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4255, 52.4615, 61.5012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 191, 199) }
```

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

```
.background{ background-color: rgb(191,  
191, 199) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor