

Converting Colors

XYZ(50.6190, 52.6068, 62.1034)

Have a look what the booklet for
XYZ(50.6190, 52.6068, 62.1034)
contains.

XYZ(50.5420, 52.5081, 62.1148)	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(50.5420, 52.5081,
62.1148)**

Conversions

Conversions Part 1

Format	Color
Hex	BFBFC8
RGB	191, 191, 200
RGB Percent	75%, 75%, 78%
CMY	0.2510, 0.2510, 0.2157
CMYK	0.04, 0.04, 0.00, 0.22
HSL	240°, 8%, 77%
HSV	240°, 4%, 78%
XYZ	50.5420, 52.5081, 62.1148
YIQ	192.0260, -2.8890, 2.7990

Conversions

Conversions Part 2

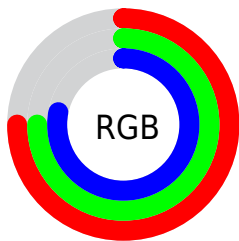
Format	Color
RYB	191, 191, 200
Decimal	12566472
CIELab	77.58, 1.70, -4.52
CIElCh	78, 4.832, 290.634
Yxy	52.5081, 0.3060, 0.3179
Android (android.graphics.Color)	4290756552 (0xFFBFBFC8)
YUV	192.0260, 3.9312, -0.8998
Hunter-Lab	72.4625, -2.3070, -0.0996

Details

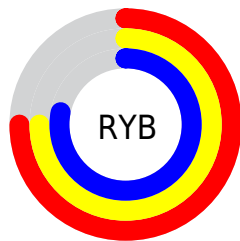
The XYZ color **50.5420, 52.5081, 62.1148** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.8778, 57.3490, 57.5209**, and the grayscale version is **50.0984, 52.7074, 57.3983**.

A 20% lighter version of the original color is **89.6685, 93.5157, 107.9320**, and **24.7580, 25.6556, 30.8413** is the 20% darker color. If you saturate the color by 10%, you get **41.7854, 41.9582, 60.5408**, and if you desaturate by 10%, it is **60.5837, 64.6069, 63.9216**.

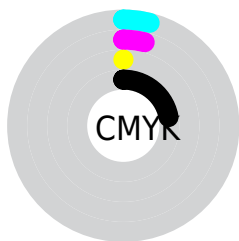
Distribution



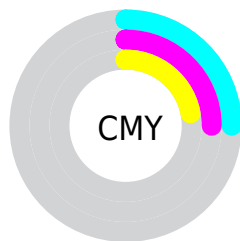
- Red (75%)
- Green (75%)
- Blue (78%)



- 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 50.5420, 52.5081, 62.1148 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 50.5420, 52.5081, 62.1148 by changing the saturation by 10% instead.

■ 50.5420, 52.5081,
62.1148

■ 50.5420, 52.5081,
62.1148

379.1988,
396.3950, 450.3689

■ 36.0638, 37.4102,
44.6891

□ 90.1644, 93.8801,
109.4646

■ 24.6538, 25.5253,
30.8714

116.0394,
120.9231, 140.2258

■ 15.9467, 16.4688,
20.2433

146.4440,
152.7166, 176.2693

■ 9.5770, 9.8565,
12.3862

181.7435,
189.6449, 218.0135

■ 5.1795, 5.3039,
6.8816

222.3034,
232.0925, 265.8770

■ 2.3888, 2.4267,
3.3108

268.4891,

■ 0.8395, 0.8396,

280.4438, 320.2784

1.2554

320.6657,
335.0832, 381.6362

■ 0.0000, 0.0000,
0.0249

■ 0.0000, 0.0000,
0.0000

■ 50.5420, 52.5081,
62.1148

■ 50.5420, 52.5081,
62.1148

■ 41.7854, 41.9582,
60.5408

■ 60.5837, 64.6069,
63.9216

■ 34.2576, 32.8884,
59.1869

■ 71.9546, 78.3066,
65.9666

■ 27.9052, 25.2346,
58.0444

■ 84.7024, 93.6649,
68.2592

■ 22.6689, 18.9252,
57.1025

■ 87.4255, 96.9502,
68.7498

■ 18.4842, 13.8828,
56.3498

■ 15.2800, 10.0218,
55.7734

■ 12.9767, 7.2460,
55.3590

■ 11.4820, 5.4444,
55.0901

■ 10.6839, 4.4821,
54.9464

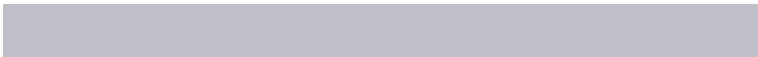
Harmonies

Analogous

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



49.6161, 52.5081, 62.3910



50.5420, 52.5081, 62.1148



51.3067, 52.5081, 60.4922

Triad

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



50.5420, 52.5081, 62.1148



51.0535, 52.5081, 53.2930



48.1588, 52.5081, 56.3406

Complementary

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



50.5420, 52.5081, 62.1148



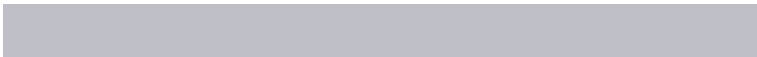
53.8778, 57.3490, 57.5209

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.



48.5337, 52.5081, 53.9763



50.5420, 52.5081, 62.1148



50.1998, 52.5081, 52.2532

Square

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



50.5420, 52.5081, 62.1148



51.6045, 52.5081, 55.3816



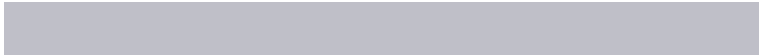
49.2781, 52.5081, 52.4994



48.2478, 52.5081, 59.0014

Rectangle

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



50.5420, 52.5081, 62.1148



51.6184, 52.5081, 58.8924



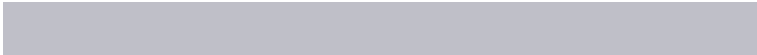
49.2781, 52.5081, 52.4994



48.2346, 52.5081, 55.4862

Sweetspot

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



50.5435, 52.5103, 62.1160



93.3102, 97.9039, 108.5871



52.5488, 56.5489, 62.6979



19.9906, 20.9775, 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.



50.5435, 52.5103, 62.1160



86.5817, 89.7972, 107.3770



51.6532, 53.0815, 62.1677



10.7940, 11.1760, 13.5058



6.6294, 2.6527, 34.9070



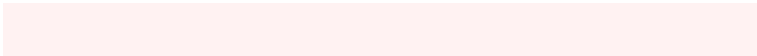
0.3140, 0.1258, 1.6529

Inverse Universe

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



51.8554, 53.3036, 56.8484



89.1318, 91.3393, 97.1372



52.7331, 56.7599, 57.4675



11.1491, 11.3908, 12.0799



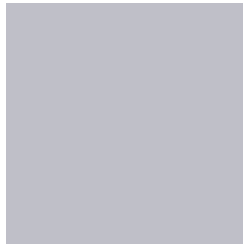
15.1455, 7.8078, 0.7103



0.7172, 0.3697, 0.0339

Previews

White Background



This preview shows how the XYZ color 50.5420, 52.5081, 62.1148 looks on a white background.

Color Contrast Check

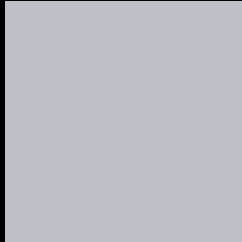
Large Text (above 18pt) WCAG AA × Fail

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 50.5420, 52.5081, 62.1148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

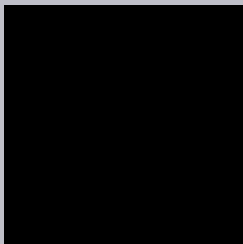
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

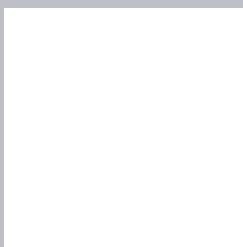
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.5420, 52.5081, 62.1148

Background



This preview shows how black text looks on a background with the XYZ color 50.5420, 52.5081, 62.1148.

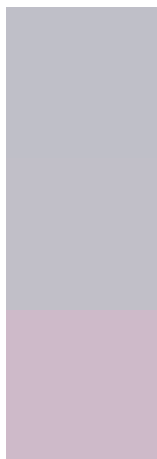


This preview shows how white text looks on a background with the XYZ color 50.5420, 52.5081,

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

50.5420, 52.5081, 62.1148

Protanopia

51.0484, 52.7692, 62.1385

Deuteranopia

53.5551, 52.4567, 62.5608



Tritanopia

51.1711, 52.4412, 65.1828

Trichromacy



Original Color

50.5420, 52.5081, 62.1148

Protanomaly

50.7944, 52.6382, 62.1266

Deuteranomaly

52.6132, 52.6010, 62.6383

Tritanomaly

50.9312, 52.3452, 63.9192

Monochromacy



Original Color

50.5420, 52.5081, 62.1148

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 50.5420, 52.5081, 62.1148 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(191, 191, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 191, 200) }
```

Border

The CSS property to change the border of an element to XYZ 50.5420, 52.5081, 62.1148 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, 200) }
```


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

```
.border{ border-color:rgb(191, 191, 200) }
```

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, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 191, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 191, 200);  
box-shadow:4px 4px 4px 4px rgb(191, 191,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5420, 52.5081, 62.1148 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, 200) }
```

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

```
.background{ background-color: rgb(191,  
191, 200) }
```

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