

Converting Colors

XYZ(51.6570, 52.8261, 62.8112)

Have a look what the booklet for
XYZ(51.6570, 52.8261, 62.8112)
contains.

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Color

**XYZ(51.4617, 52.6461,
62.7077)**

Conversions

Conversions Part 1

Format	Color
Hex	C3BEC9
RGB	195, 190, 201
RGB Percent	76%, 75%, 79%
CMY	0.2353, 0.2549, 0.2118
CMYK	0.03, 0.05, 0.00, 0.21
HSL	267°, 9%, 77%
HSV	267°, 5%, 79%
XYZ	51.4617, 52.6461, 62.7077
YIQ	192.7490, -0.5510, 4.4810

Conversions

Conversions Part 2

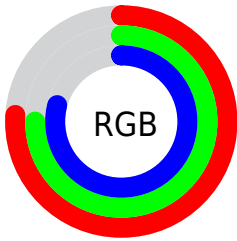
Format	Color
RYB	195, 190, 201
Decimal	12828361
CIELab	77.67, 3.79, -4.91
CIELCh	78, 6.201, 307.698
Yxy	52.6461, 0.3085, 0.3156
Android (android.graphics.Color)	4291018441 (0xFFC3BEC9)
YUV	192.7490, 4.0677, 1.9741
Hunter-Lab	72.5576, -0.3742, -0.4508

Details

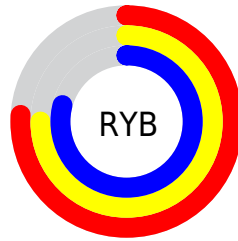
The XYZ color **51.4617, 52.6461, 62.7077** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.9480, 57.2282, 56.9734**, and the grayscale version is **50.5196, 53.1506, 57.8810**.

A 20% lighter version of the original color is **91.1507, 93.8270, 107.9140**, and **25.1966, 25.6606, 31.2288** is the 20% darker color. If you saturate the color by 10%, you get **44.6748, 43.1253, 61.2285**, and if you desaturate by 10%, it is **59.0602, 63.4794, 64.3991**.

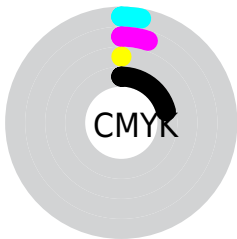
Distribution



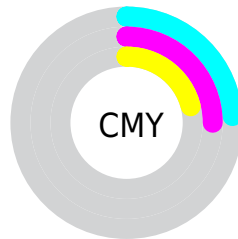
- Red (76%)
- Green (75%)
- Blue (79%)



- Red (76%)
- Yellow (75%)
- Blue (79%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (21%)



- Cyan (24%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.4617, 52.6461, 62.7077 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 51.4617, 52.6461, 62.7077 by changing the saturation by 10% instead.

■ 51.4617, 52.6461,
62.7077

■ 51.4617, 52.6461,
62.7077

382.7131,
396.9259, 452.5866

■ 36.7987, 37.5203,
45.1653

■ 91.5158, 94.0834,
110.3292

■ 25.2246, 25.6106,
31.2438

117.6377,
121.1637, 141.2454

■ 16.3741, 16.5326,
20.5245

148.3098,
152.9977, 177.4566

■ 9.8818, 9.9018,
12.5890

183.8977,
189.9697, 219.3813

■ 5.3823, 5.3339,
7.0188

224.7666,
232.4641, 267.4382

■ 2.5103, 2.4445,
3.3952

271.2819,

■ 0.9005, 0.8486,

280.8653, 322.0456

1.2998

323.8089,
335.5578, 383.6223

■ 0.0000, 0.0000,
0.0616

■ 0.0000, 0.0000,
0.0000

■ 51.4617, 52.6461,
62.7077

■ 51.4617, 52.6461,
62.7077

■ 44.6748, 43.1253,
61.2285

■ 59.0602, 63.4794,
64.3991

■ 38.6661, 34.8592,
59.9497

■ 67.4930, 75.6669,
66.3070

■ 33.4065, 27.7956,
58.8635

■ 76.7876, 89.2564,
68.4402

■ 28.8629, 21.8756,
57.9603

■ 81.8559, 94.0654,
69.1013

■ 25.0000, 17.0357,
57.2297

■ 85.6693, 96.0313,
69.2797

■ 21.7789, 13.2057,
56.6602

■ 87.5428, 96.9971,
69.3674

■ 19.1561, 10.3068,
56.2389

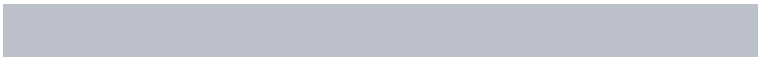
■ 17.0820, 8.2479,
55.9508

■ 15.4964, 6.9175,
55.7776

Harmonies

Analogous

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



50.3480, 52.6461, 64.1184



51.4617, 52.6461, 62.7077



52.2021, 52.6461, 59.8652

Triad

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



51.4617, 52.6461, 62.7077



50.9186, 52.6461, 51.4279



47.7883, 52.6461, 58.2117

Complementary

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



51.4617, 52.6461, 62.7077



52.9480, 57.2282, 56.9734

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.



47.9356, 52.6461, 54.8532



51.4617, 52.6461, 62.7077



49.7303, 52.6461, 51.0249

Square

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



51.4617, 52.6461, 62.7077



51.8851, 52.6461, 53.3789



48.6419, 52.6461, 52.2551



48.2363, 52.6461, 61.4560

Rectangle

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



51.4617, 52.6461, 62.7077



52.3778, 52.6461, 57.5883



48.6419, 52.6461, 52.2551



47.7700, 52.6461, 57.0578

Sweetspot

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



51.4632, 52.6484, 62.7089



92.4281, 96.2651, 108.3173



51.5310, 54.6686, 63.0952



19.8109, 20.6438, 23.1905



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.



51.4632, 52.6484, 62.7089



86.1247, 87.3346, 106.9257



52.8974, 53.3877, 62.7760



10.7878, 10.9151, 13.4557



9.4645, 4.1134, 35.0395



0.5313, 0.2377, 1.6630

Inverse Universe

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



52.4666, 53.2324, 59.7371



88.3391, 88.6239, 100.3567



51.5557, 56.5105, 56.9083



11.0821, 11.0865, 12.5824



16.9505, 8.5298, 10.2150



0.8388, 0.4184, 0.6743

Previews

White Background



This preview shows how the XYZ color 51.4617, 52.6461, 62.7077 looks on a white background.

Color Contrast Check

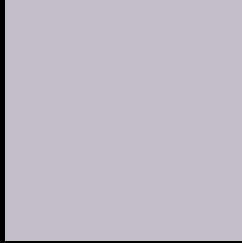
Large Text (above 18pt) WCAG AA × Fail

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 51.4617, 52.6461, 62.7077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

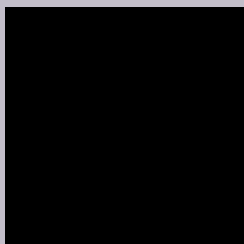
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

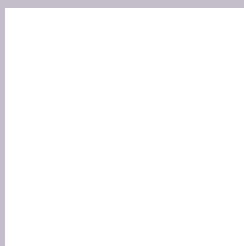
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.4617, 52.6461, 62.7077

Background



This preview shows how black text looks on a background with the XYZ color 51.4617, 52.6461, 62.7077.

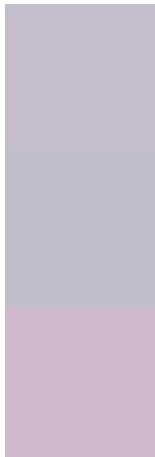


This preview shows how white text looks on a background with the XYZ color 51.4617, 52.6461,

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

51.4617, 52.6461, 62.7077

Protanopia

50.9116, 52.6851, 62.7443

Deuteranopia

53.6732, 52.5039, 63.1825



Tritanopia

51.8616, 52.4906, 64.5250

Trichromacy



Original Color

51.4617, 52.6461, 62.7077

Protanomaly

51.1657, 52.8161, 62.7561

Deuteranomaly

52.7881, 52.3615, 63.2017

Tritanomaly

51.7420, 52.4428, 63.8953

Monochromacy



Original Color

51.4617, 52.6461, 62.7077

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.0616, 53.1541, 59.7931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4617, 52.6461, 62.7077 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(195, 190, 201)` looks like.

```
.text, #text, p{  
    color:rgb(195, 190, 201)  
}
```

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(195, 190, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 190, 201) }
```

Border

The CSS property to change the border of an element to XYZ 51.4617, 52.6461, 62.7077 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(195, 190, 201) }
```


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

```
.border{ border-color:rgb(195, 190, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 190, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 190, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 190, 201);  
box-shadow:4px 4px 4px 4px rgb(195, 190,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4617, 52.6461, 62.7077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 190, 201) }
```

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

```
.background{ background-color: rgb(195,  
190, 201) }
```

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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