

Converting Colors

XYZ(50.0970, 52.8620, 65.3206)

Have a look what the booklet for
XYZ(50.0970, 52.8620, 65.3206)
contains.

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Color

**XYZ(50.0970, 52.8620,
65.3206)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C1CD
RGB	185, 193, 205
RGB Percent	73%, 76%, 80%
CMY	0.2745, 0.2431, 0.1961
CMYK	0.10, 0.06, 0.00, 0.20
HSL	216°, 17%, 76%
HSV	216°, 10%, 80%
XYZ	50.0970, 52.8620, 65.3206
YIQ	191.9760, -8.6200, 2.0360

Conversions

Conversions Part 2

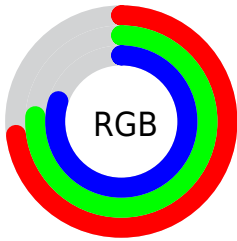
Format	Color
RYB	185, 191, 205
Decimal	12173773
CIELab	77.79, -0.39, -6.97
CIElCh	78, 6.977, 266.763
Yxy	52.8620, 0.2977, 0.3141
Android (android.graphics.Color)	4290363853 (0xFFB9C1CD)
YUV	191.9760, 6.4208, -6.1180
Hunter-Lab	72.7063, -4.2436, -2.3728

Details

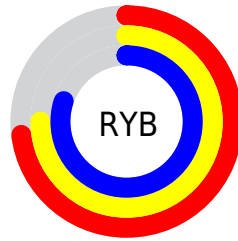
The XYZ color **50.0970, 52.8620, 65.3206** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.9003, 56.4141, 53.9481**, and the grayscale version is **50.0575, 52.6644, 57.3515**.

A 20% lighter version of the original color is **88.2013, 93.6721, 108.0396**, and **24.4797, 25.8961, 32.9864** is the 20% darker color. If you saturate the color by 10%, you get **42.8976, 45.2826, 64.2379**, and if you desaturate by 10%, it is **58.2387, 61.2655, 66.5144**.

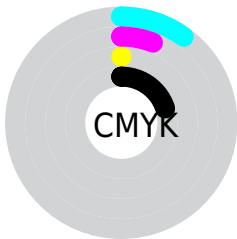
Distribution



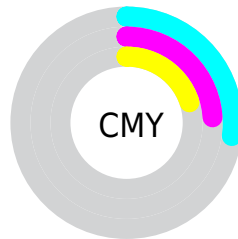
- Red (73%)
- Green (76%)
- Blue (80%)



- Red (73%)
- Yellow (75%)
- Blue (80%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (20%)



- Cyan (27%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.0970, 52.8620, 65.3206 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 50.0970, 52.8620, 65.3206 by changing the saturation by 10% instead.

■ 50.0970, 52.8620,
65.3206

■ 50.0970, 52.8620,
65.3206

377.4909,
397.7554, 462.2809

■ 35.7086, 37.6926,
47.2681

■ 89.5095, 94.4013,
114.1283

■ 24.3783, 25.7442,
32.8918

115.2644,
121.5399, 145.7207

■ 15.7407, 16.6324,
21.7731

145.5388,
153.4372, 182.6633

■ 9.4306, 9.9727,
13.4936

180.6980,
190.4774, 225.3749

■ 5.0824, 5.3809,
7.6346

221.1075,
233.0449, 274.2739

■ 2.3310, 2.4724,
3.7776

267.1325,

■ 0.8104, 0.8628,

281.5241, 329.7789

1.5042

319.1386,
336.2995, 392.3083

■ 0.0000, 0.0000,
0.2210

■ 0.0000, 0.0000,
0.0000

■ 50.0970, 52.8620,
65.3206

■ 50.0970, 52.8620,
65.3206

■ 42.8976, 45.2826,
64.2379

■ 58.2387, 61.2655,
66.5144

■ 36.5999, 38.4942,
63.2595

■ 67.3517, 70.5119,
67.8188

■ 31.1673, 32.4707,
62.3832

■ 77.4699, 80.6273,
69.2380

■ 26.5586, 27.1822,
61.6053

■ 84.0692, 89.2871,
70.5616

■ 22.7291, 22.5965,
60.9220

■ 87.8572, 96.8631,
71.8243

■ 19.6295, 18.6784,
60.3291

■ 88.0196, 97.1878,
71.8784

■ 17.2039, 15.3892,
59.8221

■ 15.3876, 12.6846,
59.3958

■ 14.0681, 10.4955,
59.0428

Harmonies

Analogous

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



48.8314, 52.8620, 64.0163



50.0970, 52.8620, 65.3206



51.4242, 52.8620, 64.4690

Triad

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



50.0970, 52.8620, 65.3206



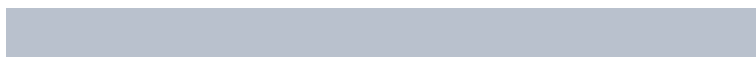
52.6023, 52.8620, 54.2679



48.0993, 52.8620, 53.5703

Complementary

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



50.0970, 52.8620, 65.3206



53.9003, 56.4141, 53.9481

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.



49.0815, 52.8620, 51.1589



50.0970, 52.8620, 65.3206



51.6830, 52.8620, 51.5488

Square

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



50.0970, 52.8620, 65.3206



52.8858, 52.8620, 57.9794



50.3908, 52.8620, 50.4356



47.6911, 52.8620, 57.1381

Rectangle

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



50.0970, 52.8620, 65.3206



52.1627, 52.8620, 62.8133



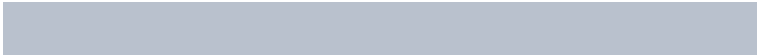
50.3908, 52.8620, 50.4356



48.3724, 52.8620, 52.6038

Sweetspot

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



50.0985, 52.8642, 65.3218



90.8448, 95.6848, 108.2887



51.8797, 57.9938, 61.0838



19.2093, 20.2382, 23.1439



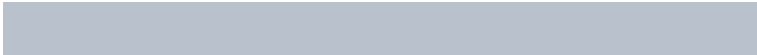
0.0000, 0.0000, 0.0000



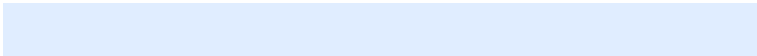
20.3446, 21.4041, 23.3091

Same Dimension

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



50.0985, 52.8642, 65.3218



79.0959, 83.4939, 106.5549



48.7814, 49.6295, 64.7668



10.9640, 11.5685, 14.2254



8.8272, 6.6783, 36.7801



0.5291, 0.4919, 1.9220

Inverse Universe

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



52.1527, 51.5284, 57.6519



83.2374, 80.8802, 91.0729



55.3086, 59.9097, 54.5486



11.3952, 11.2868, 12.6157



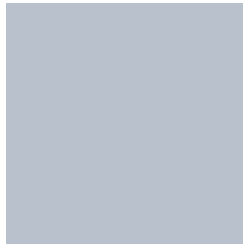
16.6665, 8.4772, 5.9622



0.8970, 0.4522, 0.5034

Previews

White Background



This preview shows how the XYZ color 50.0970, 52.8620, 65.3206 looks on a white background.

Color Contrast Check

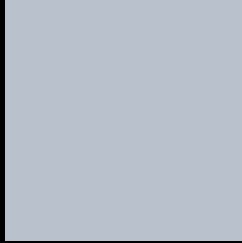
Large Text (above 18pt) WCAG AA × Fail

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 50.0970, 52.8620, 65.3206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

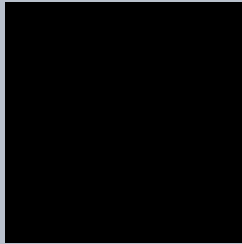
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

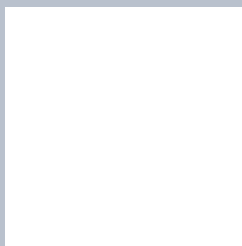
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.0970, 52.8620, 65.3206

Background



This preview shows how black text looks on a background with the XYZ color 50.0970, 52.8620, 65.3206.

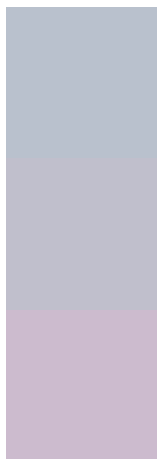


This preview shows how white text looks on a background with the XYZ color 50.0970, 52.8620,

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

50.0970, 52.8620, 65.3206

Protanopia

51.2681, 52.8277, 64.6214

Deuteranopia

53.8127, 52.8342, 65.7543



Tritanopia

50.4627, 53.0083, 67.2465

Trichromacy



Original Color

50.0970, 52.8620, 65.3206

Protanomaly

50.7350, 52.8777, 64.6591

Deuteranomaly

52.3641, 52.7217, 65.8089

Tritanomaly

50.3400, 52.9592, 66.6004

Monochromacy



Original Color

50.0970, 52.8620, 65.3206

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.9139, 52.5493, 60.3356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0970, 52.8620, 65.3206 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(185, 193, 205)` looks like.

```
.text, #text, p{  
    color:rgb(185, 193, 205)  
}
```

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(185, 193, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 193, 205) }
```

Border

The CSS property to change the border of an element to XYZ 50.0970, 52.8620, 65.3206 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(185, 193, 205) }
```


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

```
.border{ border-color:rgb(185, 193, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 193, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 193, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 193, 205);  
box-shadow:4px 4px 4px 4px rgb(185, 193,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0970, 52.8620, 65.3206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 193, 205) }
```

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

```
.background{ background-color: rgb(185,  
193, 205) }
```

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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