

Converting Colors

XYZ(50.8513, 51.5667, 68.2460)

Have a look what the booklet for
XYZ(50.8513, 51.5667, 68.2460)
contains.

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Color

**XYZ(50.8513, 51.5667,
68.2460)**

Conversions

Conversions Part 1

Format	Color
Hex	BEBCD2
RGB	190, 188, 210
RGB Percent	75%, 74%, 82%
CMY	0.2549, 0.2627, 0.1765
CMYK	0.10, 0.10, 0.00, 0.18
HSL	245°, 20%, 78%
HSV	245°, 10%, 82%
XYZ	50.8513, 51.5667, 68.2460
YIQ	191.1060, -5.8700, 7.2660

Conversions

Conversions Part 2

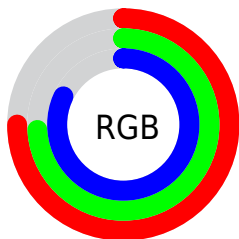
Format	Color
R_{YB}	190, 188, 210
Decimal	12500178
CIE _{Lab}	77.02, 4.95, -10.78
CIE _{LCh}	77, 11.862, 294.677
Yxy	51.5667, 0.2980, 0.3022
Android (android.graphics.Color)	4290690258 (0xFFBEBD2)
YUV	191.1060, 9.3147, -0.9700
Hunter-Lab	71.8100, 0.7351, -6.0804

Details

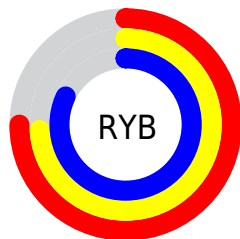
The XYZ color **50.8513, 51.5667, 68.2460** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1379, 63.1352, 56.7015**, and the grayscale version is **49.5341, 52.1137, 56.7519**.

A 20% lighter version of the original color is **88.4067, 91.5142, 107.6122**, and **24.9813, 25.0466, 34.9703** is the 20% darker color. If you saturate the color by 10%, you get **42.2272, 40.9399, 66.6502**, and if you desaturate by 10%, it is **60.7559, 63.8255, 70.0909**.

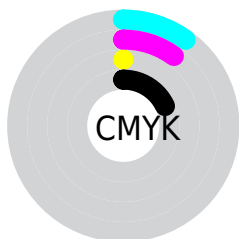
Distribution



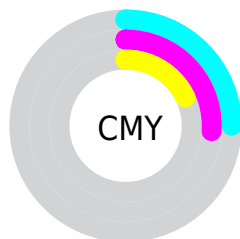
- Red (75%)
- Green (74%)
- Blue (82%)



- Red (75%)
- Yellow (74%)
- Blue (82%)



- Cyan (10%)
- Magenta (10%)
- Yellow (0%)
- Black (18%)



- Cyan (25%)
- Magenta (26%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.8513, 51.5667, 68.2460 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 50.8513, 51.5667, 68.2460 by changing the saturation by 10% instead.

■ 50.8513, 51.5667,
68.2460

■ 50.8513, 51.5667,
68.2460

380.3830,
392.7615, 472.9888

■ 36.3108, 36.6598,
49.6300

■ 90.6192, 92.4919,
118.3615

■ 24.8456, 24.9442,
34.7503

116.5774,
119.2790, 150.6981

■ 16.0902, 16.0355,
23.1886

147.0722,
150.7950, 188.4453

■ 9.6792, 9.5493,
14.5262

182.4690,
187.4242, 232.0216

■ 5.2474, 5.1012,
8.3447

223.1331,
229.5511, 281.8455

■ 2.4294, 2.3067,
4.2253

269.4299,

■ 0.8598, 0.7773,

277.5600, 338.3357

1.7498

321.7247,
331.8353, 401.9106

■ 0.0000, 0.0000,
0.3945

■ 0.0000, 0.0000,
0.0000

■ 50.8513, 51.5667,
68.2460

■ 50.8513, 51.5667,
68.2460

■ 42.2272, 40.9399,
66.6502

■ 60.7559, 63.8255,
70.0909

■ 34.8270, 31.8699,
65.2895

■ 71.9857, 77.7741,
72.1914

■ 28.5963, 24.2854,
64.1540

■ 84.5886, 93.4757,
74.5579

■ 23.4751, 18.1072,
63.2314

■ 88.6330, 97.4332,
75.1086

■ 19.3979, 13.2484,
62.5084

■ 16.2923, 9.6127,
61.9703

■ 14.0766, 7.0902,
61.6002

■ 12.6555, 5.5517,
61.3782

■ 11.9030, 4.7924,
61.2712

Harmonies

Analogous

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



48.6101, 51.5667, 69.4881



50.8513, 51.5667, 68.2460



52.6483, 51.5667, 63.6632

Triad

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



50.8513, 51.5667, 68.2460



51.5711, 51.5667, 46.5835



44.8076, 51.5667, 54.9994

Complementary

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



50.8513, 51.5667, 68.2460



58.1379, 63.1352, 56.7015

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.



45.5483, 51.5667, 49.2477



50.8513, 51.5667, 68.2460



49.4173, 51.5667, 44.6337

Square

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



50.8513, 51.5667, 68.2460



53.0727, 51.5667, 51.1049



47.2188, 51.5667, 45.5704



45.1650, 51.5667, 61.5110

Rectangle

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



50.8513, 51.5667, 68.2460



53.3289, 51.5667, 59.5045



47.2188, 51.5667, 45.5704



44.9357, 51.5667, 52.9190

Sweetspot

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



50.8528, 51.5689, 68.2471



90.1452, 93.9204, 107.9850



54.9700, 60.5389, 69.7615



19.0210, 19.7637, 23.0622



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.



50.8528, 51.5689, 68.2471



75.1393, 75.3680, 105.1950



53.6604, 53.0162, 68.3785



11.2618, 11.4683, 14.8637



7.2975, 2.9423, 37.3758



0.4431, 0.1826, 2.0915

Inverse Universe

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



55.9484, 54.2243, 67.1944



84.8905, 80.4505, 103.1410



55.1949, 61.6181, 56.5638



12.2626, 11.9898, 14.6585



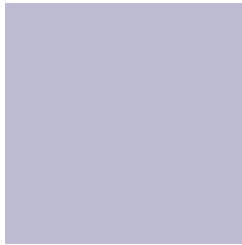
21.9635, 10.6582, 31.0435



1.2419, 0.6015, 1.8087

Previews

White Background



This preview shows how the XYZ color 50.8513, 51.5667, 68.2460 looks on a white background.

Color Contrast Check

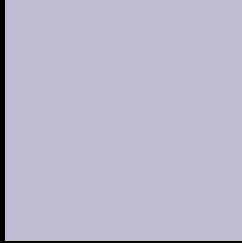
Large Text (above 18pt) WCAG AA × Fail

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 50.8513, 51.5667, 68.2460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

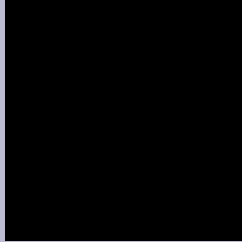
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.8513, 51.5667, 68.2460

Background



This preview shows how black text looks on a background with the XYZ color 50.8513, 51.5667, 68.2460.

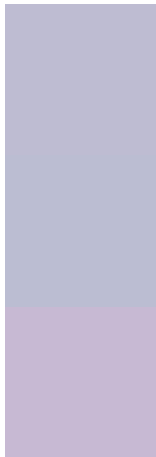


This preview shows how white text looks on a background with the XYZ color 50.8513, 51.5667,

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

50.8513, 51.5667, 68.2460

Protanopia

50.3240, 51.6131, 68.2827

Deuteranopia

52.6600, 51.5432, 68.8014



Tritanopia

50.0829, 51.5736, 64.4418

Trichromacy



Original Color

50.8513, 51.5667, 68.2460

Protanomaly

50.5695, 51.7397, 68.2942

Deuteranomaly

52.0817, 51.5567, 68.8345

Tritanomaly

50.3244, 51.6702, 65.7135

Monochromacy



Original Color

50.8513, 51.5667, 68.2460

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.0924, 51.9805, 60.8192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8513, 51.5667, 68.2460 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(190, 188, 210)` looks like.

```
.text, #text, p{  
    color:rgb(190, 188, 210)  
}
```

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(190, 188, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 188, 210) }
```

Border

The CSS property to change the border of an element to XYZ 50.8513, 51.5667, 68.2460 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(190, 188, 210) }
```


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

```
.border{ border-color:rgb(190, 188, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 188, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 188, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 188, 210);  
box-shadow:4px 4px 4px 4px rgb(190, 188,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8513, 51.5667, 68.2460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 188, 210) }
```

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

```
.background{ background-color: rgb(190,  
188, 210) }
```

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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