

Converting Colors

XYZ(50.9267, 53.5767, 67.3317)

Have a look what the booklet for
XYZ(50.9267, 53.5767, 67.3317)
contains.

XYZ(50.9267, 53.5767, 67.3317)	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(50.9267, 53.5767,
67.3317)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC2D0
RGB	186, 194, 208
RGB Percent	73%, 76%, 82%
CMY	0.2706, 0.2392, 0.1843
CMYK	0.11, 0.07, 0.00, 0.18
HSL	218°, 19%, 77%
HSV	218°, 11%, 82%
XYZ	50.9267, 53.5767, 67.3317
YIQ	193.2040, -9.2620, 2.6580

Conversions

Conversions Part 2

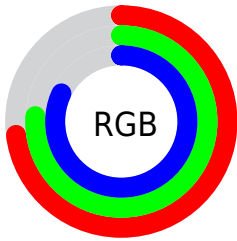
Format	Color
R _Y B	186, 192, 208
Decimal	12239568
CIE Lab	78.21, 0.01, -7.95
CIE LCh	78, 7.954, 270.070
Yxy	53.5767, 0.2964, 0.3118
Android (android.graphics.Color)	4290429648 (0xFFBAC2D0)
YUV	193.2040, 7.2944, -6.3179
Hunter-Lab	73.1961, -3.9006, -3.3025

Details

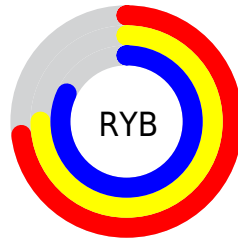
The XYZ color **50.9267, 53.5767, 67.3317** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.5300, 58.2636, 54.7748**, and the grayscale version is **50.7722, 53.4163, 58.1703**.

A 20% lighter version of the original color is **88.8536, 94.4685, 108.1589**, and **24.8837, 26.0758, 34.2935** is the 20% darker color. If you saturate the color by 10%, you get **43.4216, 45.5294, 66.1748**, and if you desaturate by 10%, it is **59.4329, 62.5323, 68.6128**.

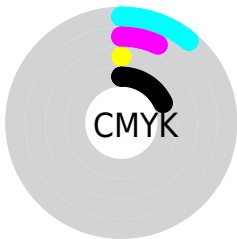
Distribution



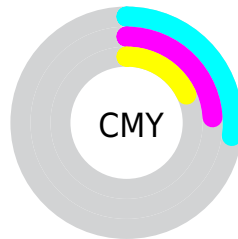
- Red (73%)
- Green (76%)
- Blue (82%)



- Red (73%)
- Yellow (75%)
- Blue (82%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)



- Cyan (27%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.9267, 53.5767, 67.3317 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 50.9267, 53.5767, 67.3317 by changing the saturation by 10% instead.

■ 50.9267, 53.5767,
67.3317

■ 50.9267, 53.5767,
67.3317

380.6713,
400.4938, 469.6581

■ 36.3711, 38.2633,
48.8909

■ 90.7300, 95.4524,
117.0407

■ 24.8924, 26.1871,
34.1680

116.7085,
122.7836, 149.1461

■ 16.1252, 16.9637,
22.7443

147.2253,
154.8895, 186.6434

■ 9.7042, 10.2086,
14.2013

182.6457,
192.1545, 229.9512

■ 5.2640, 5.5375,
8.1204

223.3352,
234.9631, 279.4880

■ 2.4393, 2.5659,
4.0832

269.6590,

■ 0.8648, 0.9096,

283.6995, 335.6725

1.6711

321.9826,
338.7483, 398.9230

■ 0.0000, 0.0000,
0.3408

■ 0.0000, 0.0000,
0.0000

■ 50.9267, 53.5767,
67.3317

■ 50.9267, 53.5767,
67.3317

■ 43.4216, 45.5294,
66.1748

■ 59.4329, 62.5323,
68.6128

■ 36.8743, 38.3538,
65.1349

■ 68.9717, 72.4180,
70.0182

■ 31.2455, 32.0205,
64.2091

■ 79.5791, 83.2631,
71.5524

■ 26.4909, 26.4956,
63.3933

■ 85.8681, 92.2996,
72.9652

■ 22.5625, 21.7429,
62.6829

■ 88.3853, 97.3341,
73.8043

■ 19.4073, 17.7228,
62.0733

■ 16.9652, 14.3916,
61.5590

■ 15.1662, 11.6996,
61.1342

■ 13.9463, 9.6761,
60.8080

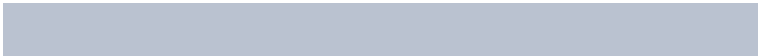
Harmonies

Analogous

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



49.4447, 53.5767, 66.0820



50.9267, 53.5767, 67.3317



52.4371, 53.5767, 66.0706

Triad

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



50.9267, 53.5767, 67.3317



53.5566, 53.5767, 54.1467



48.3737, 53.5767, 54.1639

Complementary

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



50.9267, 53.5767, 67.3317



55.5300, 58.2636, 54.7748

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.



49.4385, 53.5767, 51.2297



50.9267, 53.5767, 67.3317



52.4306, 53.5767, 51.2201

Square

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



50.9267, 53.5767, 67.3317



53.9742, 53.5767, 58.3255



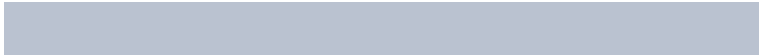
50.9194, 53.5767, 50.1793



47.9891, 53.5767, 58.3464

Rectangle

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



50.9267, 53.5767, 67.3317



53.2522, 53.5767, 64.0108



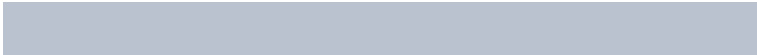
50.9194, 53.5767, 50.1793



48.6629, 53.5767, 53.0067

Sweetspot

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



50.9283, 53.5789, 67.3329



90.7582, 95.5115, 108.2598



53.2241, 59.7188, 63.3254



19.1859, 20.1915, 23.1361



0.0000, 0.0000, 0.0000



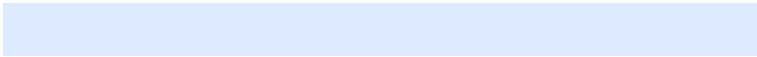
20.3446, 21.4041, 23.3091

Same Dimension

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



50.9283, 53.5789, 67.3329



77.5249, 81.5192, 106.2565



49.9149, 50.4834, 66.7888



11.5107, 12.1117, 14.9748



8.7763, 6.1991, 37.9265



0.5653, 0.4959, 2.1455

Inverse Universe

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



53.3102, 52.4240, 58.3505



82.1595, 79.3581, 88.7601



56.6150, 61.6464, 55.3706



11.9839, 11.8783, 13.1911



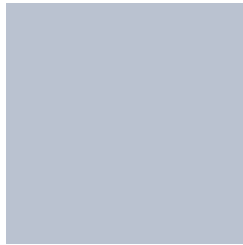
17.0606, 8.6971, 5.2252



0.9916, 0.5014, 0.4905

Previews

White Background



This preview shows how the XYZ color 50.9267, 53.5767, 67.3317 looks on a white background.

Color Contrast Check

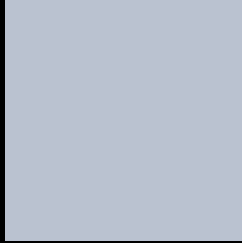
Large Text (above 18pt) WCAG AA × Fail

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 50.9267, 53.5767, 67.3317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

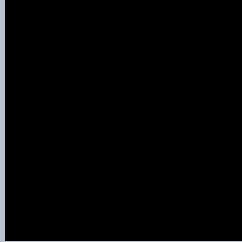
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

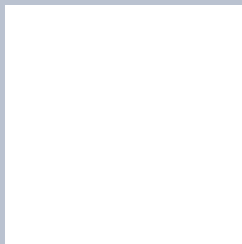
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.9267, 53.5767, 67.3317

Background



This preview shows how black text looks on a background with the XYZ color 50.9267, 53.5767, 67.3317.

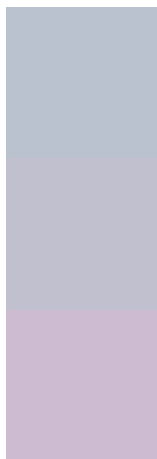


This preview shows how white text looks on a background with the XYZ color 50.9267, 53.5767,

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

50.9267, 53.5767, 67.3317

Protanopia

52.1044, 53.5417, 66.6199

Deuteranopia

54.6687, 53.5490, 67.7762



Tritanopia

51.0501, 53.6261, 67.9818

Trichromacy



Original Color

50.9267, 53.5767, 67.3317

Protanomaly

51.5677, 53.5921, 66.6579

Deuteranomaly

53.2108, 53.4361, 67.8313

Tritanomaly

51.0501, 53.6261, 67.9818

Monochromacy



Original Color

50.9267, 53.5767, 67.3317

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.4982, 53.1643, 61.0263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9267, 53.5767, 67.3317 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(186, 194, 208) looks like.

```
.text, #text, p{  
    color:rgb(186, 194, 208)  
}
```

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(186, 194, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 194, 208) }
```

Border

The CSS property to change the border of an element to XYZ 50.9267, 53.5767, 67.3317 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(186, 194, 208) }
```


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

```
.border{ border-color:rgb(186, 194, 208) }
```

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

Here you see how a box with a 4 pixel rgb(186, 194, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 194, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 194, 208);  
box-shadow:4px 4px 4px 4px rgb(186, 194,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9267, 53.5767, 67.3317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 194, 208) }
```

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

```
.background{ background-color: rgb(186,  
194, 208) }
```

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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