

Converting Colors

XYZ(51.1942, 53.3854, 67.2807)

Have a look what the booklet for
XYZ(51.1942, 53.3854, 67.2807)
contains.

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Color

**XYZ(51.1942, 53.3854,
67.2807)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC1D0
RGB	188, 193, 208
RGB Percent	74%, 76%, 82%
CMY	0.2627, 0.2431, 0.1843
CMYK	0.10, 0.07, 0.00, 0.18
HSL	225°, 18%, 78%
HSV	225°, 10%, 82%
XYZ	51.1942, 53.3854, 67.2807
YIQ	193.2150, -7.7950, 3.6050

Conversions

Conversions Part 2

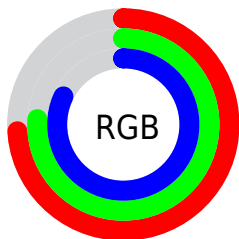
Format	Color
R_{YB}	188, 192, 208
Decimal	12370384
CIE Lab	78.10, 1.20, -8.10
CIE LCh	78, 8.193, 278.446
Yxy	53.3854, 0.2979, 0.3106
Android (android.graphics.Color)	4290560464 (0xFFBCC1D0)
YUV	193.2150, 7.2890, -4.5736
Hunter-Lab	73.0653, -2.7959, -3.4503

Details

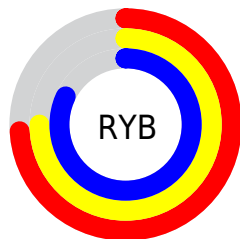
The XYZ color **51.1942, 53.3854, 67.2807** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.4457, 59.7522, 56.1363**, and the grayscale version is **50.7781, 53.4225, 58.1771**.

A 20% lighter version of the original color is **89.2339, 94.2045, 108.0879**, and **25.2025, 26.2402, 34.3084** is the 20% darker color. If you saturate the color by 10%, you get **43.1670, 44.3970, 65.9697**, and if you desaturate by 10%, it is **60.3267, 63.4863, 68.7499**.

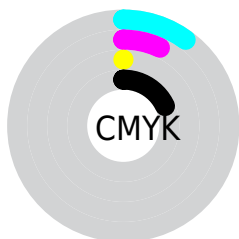
Distribution



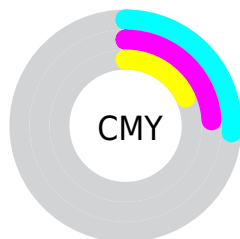
- Red (74%)
- Green (76%)
- Blue (82%)



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



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)



- Cyan (26%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.1942, 53.3854, 67.2807 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 51.1942, 53.3854, 67.2807 by changing the saturation by 10% instead.

■ 51.1942, 53.3854,
67.2807

■ 51.1942, 53.3854,
67.2807

381.6931,
399.7620, 469.4719

■ 36.5849, 38.1105,
48.8497

■ 91.1231, 95.1712,
116.9670

■ 25.0584, 26.0685,
34.1355

117.1733,
122.4510, 149.0594

■ 16.2496, 16.8749,
22.7195

147.7678,
154.5012, 186.5428

■ 9.7929, 10.1453,
14.1832

183.2721,
191.7061, 229.8355

■ 5.3231, 5.4954,
8.1080

224.0514,
234.4503, 279.3563

■ 2.4747, 2.5408,
4.0754

270.4711,

■ 0.8825, 0.8970,

283.1181, 335.5236

1.6668

322.8965,
338.0938, 398.7560

■ 0.0000, 0.0000,
0.3378

■ 0.0000, 0.0000,
0.0000

■ 51.1942, 53.3854,
67.2807

■ 51.1942, 53.3854,
67.2807

■ 43.1670, 44.3970,
65.9697

■ 60.3267, 63.4863,
68.7499

■ 36.1978, 36.4758,
64.8080

■ 70.6000, 74.7296,
70.3786

■ 30.2426, 29.5830,
63.7915

■ 82.0540, 87.1526,
72.1728

■ 25.2525, 23.6750,
62.9141

■ 88.3853, 97.3341,
73.8043

■ 21.1744, 18.7047,
62.1697

■ 17.9500, 14.6213,
61.5515

■ 15.5134, 11.3683,
61.0520

■ 13.7884, 8.8820,
60.6630

■ 12.6516, 7.0719,
60.3735

Harmonies

Analogous

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



49.6199, 53.3854, 66.7088



51.1942, 53.3854, 67.2807



52.6772, 53.3854, 65.3010

Triad

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



51.1942, 53.3854, 67.2807



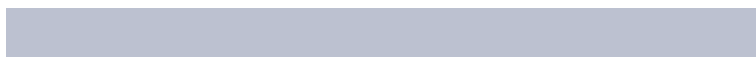
53.1877, 53.3854, 52.8222



47.9348, 53.3854, 54.9521

Complementary

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



51.1942, 53.3854, 67.2807



56.4457, 59.7522, 56.1363

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.



48.8532, 53.3854, 51.4998



51.1942, 53.3854, 67.2807



51.8793, 53.3854, 50.3159

Square

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



51.1942, 53.3854, 67.2807



53.8439, 53.3854, 56.8437



50.2909, 53.3854, 49.8448



47.7601, 53.3854, 59.4307

Rectangle

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



51.1942, 53.3854, 67.2807



53.4068, 53.3854, 62.8588



50.2909, 53.3854, 49.8448



48.1658, 53.3854, 53.6400

Sweetspot

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



51.1958, 53.3876, 67.2819



90.4885, 94.9723, 108.1700



54.0356, 60.1000, 65.0452



19.1133, 20.0464, 23.1119



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.



51.1958, 53.3876, 67.2819



77.7865, 80.8751, 106.1184



51.2768, 51.8153, 66.9741



11.4005, 11.8913, 14.9380



7.9273, 4.5013, 37.6435



0.5075, 0.3803, 2.1262

Inverse Universe

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



53.6225, 53.2278, 57.9025



82.5765, 80.6159, 87.5925



56.3534, 61.4869, 56.4760



11.9283, 11.8561, 12.8983



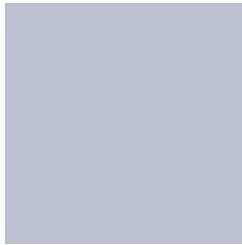
16.6321, 8.5257, 2.9688



0.9624, 0.4897, 0.3369

Previews

White Background



This preview shows how the XYZ color 51.1942, 53.3854, 67.2807 looks on a white background.

Color Contrast Check

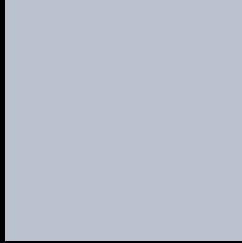
Large Text (above 18pt) WCAG AA × Fail

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 51.1942, 53.3854, 67.2807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

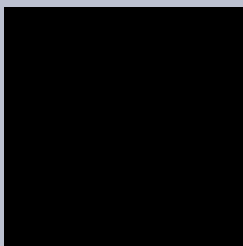
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

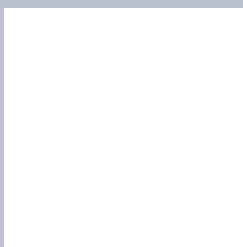
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.1942, 53.3854, 67.2807

Background



This preview shows how black text looks on a background with the XYZ color 51.1942, 53.3854, 67.2807.

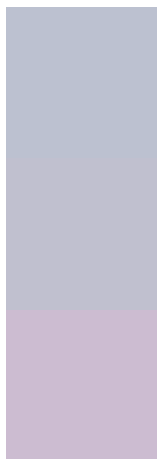


This preview shows how white text looks on a background with the XYZ color 51.1942, 53.3854,

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

51.1942, 53.3854, 67.2807

Protanopia

51.8503, 53.4107, 66.6080

Deuteranopia

54.3937, 53.4073, 67.7634



Tritanopia

51.1942, 53.3854, 67.2807

Trichromacy



Original Color

51.1942, 53.3854, 67.2807

Protanomaly

51.5980, 53.2806, 66.5962

Deuteranomaly

53.2108, 53.4361, 67.8313

Tritanomaly

51.1942, 53.3854, 67.2807

Monochromacy



Original Color

51.1942, 53.3854, 67.2807

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.7489, 53.2935, 61.0380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1942, 53.3854, 67.2807 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(188, 193, 208)` looks like.

```
.text, #text, p{  
    color:rgb(188, 193, 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(188, 193, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 193, 208) }
```

Border

The CSS property to change the border of an element to XYZ 51.1942, 53.3854, 67.2807 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(188, 193, 208) }
```


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

```
.border{ border-color:rgb(188, 193, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 193, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 193, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 193, 208);  
box-shadow:4px 4px 4px 4px rgb(188, 193,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1942, 53.3854, 67.2807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 193, 208) }
```

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

```
.background{ background-color: rgb(188,  
193, 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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