

Converting Colors

XYZ(51.0804, 54.4129, 67.1996)

Have a look what the booklet for
XYZ(51.0804, 54.4129, 67.1996)
contains.

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Color

**XYZ(51.1327, 54.3482,
67.4698)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C4D0
RGB	185, 196, 208
RGB Percent	73%, 77%, 82%
CMY	0.2745, 0.2314, 0.1843
CMYK	0.11, 0.06, 0.00, 0.18
HSL	211°, 20%, 77%
HSV	211°, 11%, 82%
XYZ	51.1327, 54.3482, 67.4698
YIQ	194.0790, -10.4080, 1.4000

Conversions

Conversions Part 2

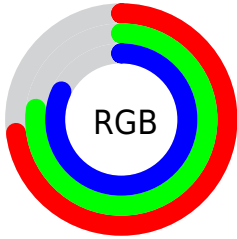
Format	Color
R _Y B	185, 192, 208
Decimal	12174544
CIE Lab	78.66, -1.38, -7.29
CIE LCh	79, 7.424, 259.261
Yxy	54.3482, 0.2956, 0.3142
Android (android.graphics.Color)	4290364624 (0xFFB9C4D0)
YUV	194.0790, 6.8631, -7.9623
Hunter-Lab	73.7212, -5.2054, -2.6574

Details

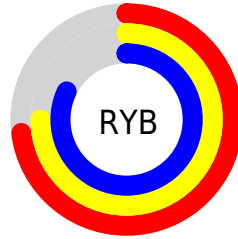
The XYZ color **51.1327, 54.3482, 67.4698** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.7360, 56.8450, 53.9873**, and the grayscale version is **51.2913, 53.9624, 58.7651**.

A 20% lighter version of the original color is **89.4509, 96.1713, 108.4561**, and **25.0215, 26.5846, 34.3844** is the 20% darker color. If you saturate the color by 10%, you get **44.1182, 47.2307, 66.4666**, and if you desaturate by 10%, it is **59.0615, 62.2026, 68.5688**.

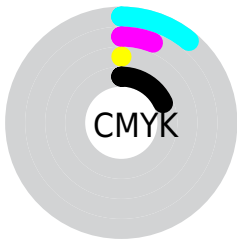
Distribution



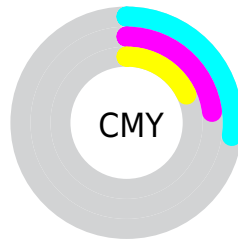
- Red (73%)
- Green (77%)
- Blue (82%)



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



- Cyan (11%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)



- Cyan (27%)
- Magenta (23%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.1327, 54.3482, 67.4698 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 51.1327, 54.3482, 67.4698 by changing the saturation by 10% instead.

■ 51.1327, 54.3482,
67.4698

■ 51.1327, 54.3482,
67.4698

381.4583,
403.4364, 470.1621

■ 36.5357, 38.8801,
49.0025

■ 91.0327, 96.5853,
117.2404

■ 25.0202, 26.6665,
34.2559

117.0664,
124.1231, 149.3807

■ 16.2209, 17.3229,
22.8113

147.6431,
156.4530, 186.9159

■ 9.7725, 10.4650,
14.2502

183.1281,
193.9592, 230.2643

■ 5.3095, 5.7083,
8.1542

223.8868,
237.0263, 279.8446

■ 2.4666, 2.6685,
4.1046

270.2845,

■ 0.8784, 0.9612,

286.0386, 336.0754

1.6829

322.6865,
341.3805, 399.3750

■ 0.0000, 0.0000,
0.3490

■ 0.0000, 0.0000,
0.0000

■ 51.1327, 54.3482,
67.4698

■ 51.1327, 54.3482,
67.4698

■ 44.1182, 47.2307,
66.4666

■ 59.0615, 62.2026,
68.5688

■ 37.9777, 40.8197,
65.5527

■ 67.9333, 70.8098,
69.7626

■ 32.6749, 35.0920,
64.7267

■ 77.7812, 80.1935,
71.0548

■ 28.1690, 30.0207,
63.9853

■ 83.6101, 87.7838,
72.2126

■ 24.4154, 25.5768,
63.3254

■ 86.8898, 94.3430,
73.3058

■ 21.3646, 21.7283,
62.7433

■ 88.3853, 97.3341,
73.8043

■ 18.9605, 18.4397,
62.2353

■ 17.1368, 15.6698,
61.7968

■ 15.8950, 13.5734,
61.4576

Harmonies

Analogous

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



49.8379, 54.3482, 65.5079



51.1327, 54.3482, 67.4698



52.5921, 54.3482, 67.1314

Triad

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



51.1327, 54.3482, 67.4698



54.3642, 54.3482, 56.5519



49.5492, 54.3482, 54.0607

Complementary

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



51.1327, 54.3482, 67.4698



54.7360, 56.8450, 53.9873

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.



50.7318, 54.3482, 51.8752



51.1327, 54.3482, 67.4698



53.5185, 54.3482, 53.2658

Square

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



51.1327, 54.3482, 67.4698



54.4765, 54.3482, 60.6935



52.1835, 54.3482, 51.5913



48.9352, 54.3482, 57.6839

Rectangle

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



51.1327, 54.3482, 67.4698



53.4614, 54.3482, 65.6513



52.1835, 54.3482, 51.5913



49.8923, 54.3482, 53.1410

Sweetspot

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



51.1343, 54.3505, 67.4710



91.0315, 96.0582, 108.3510



52.6291, 59.4529, 61.4560



19.2596, 20.3389, 23.1607



0.0000, 0.0000, 0.0000



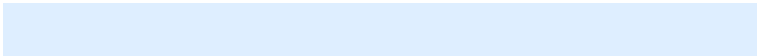
20.3446, 21.4041, 23.3091

Same Dimension

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



51.1343, 54.3505, 67.4710



78.6179, 83.7052, 106.6209



48.8354, 49.6151, 66.6782



11.6236, 12.3374, 15.0124



10.0021, 8.6508, 38.3351



0.6385, 0.6422, 2.1699

Inverse Universe

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



53.3265, 52.0946, 59.4718



82.7112, 79.5788, 91.6652



57.2185, 61.9699, 54.8457



12.0409, 11.9011, 13.4911



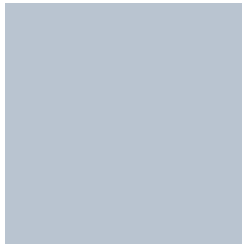
17.6793, 8.9446, 8.4834



1.0285, 0.5161, 0.6849

Previews

White Background



This preview shows how the XYZ color 51.1327, 54.3482, 67.4698 looks on a white background.

Color Contrast Check

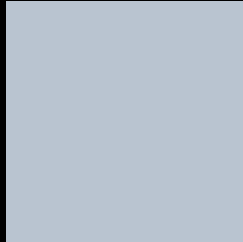
Large Text (above 18pt) WCAG AA × Fail

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 51.1327, 54.3482, 67.4698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

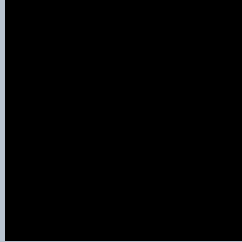
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

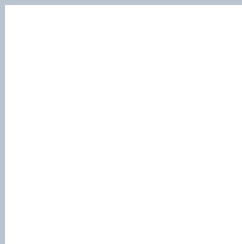
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.1327, 54.3482, 67.4698

Background



This preview shows how black text looks on a background with the XYZ color 51.1327, 54.3482, 67.4698.

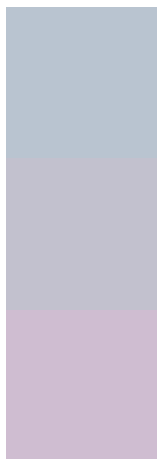


This preview shows how white text looks on a background with the XYZ color 51.1327, 54.3482,

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

51.1327, 54.3482, 67.4698

Protanopia

52.4587, 54.0655, 66.0633

Deuteranopia

55.4383, 54.2640, 67.8737



Tritanopia

51.7475, 54.6221, 69.4438

Trichromacy



Original Color

51.1327, 54.3482, 67.4698

Protanomaly

52.0401, 54.1649, 66.7436

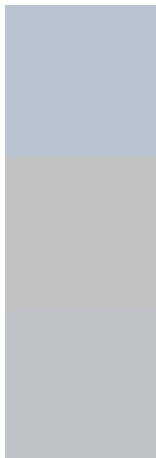
Deuteranomaly

53.9114, 54.4448, 67.9891

Tritanomaly

51.6225, 54.5721, 68.7854

Monochromacy



Original Color

51.1327, 54.3482, 67.4698

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.3098, 54.2301, 61.7960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1327, 54.3482, 67.4698 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, 196, 208)` looks like.

```
.text, #text, p{  
    color:rgb(185, 196, 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(185, 196, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 196, 208) }
```

Border

The CSS property to change the border of an element to XYZ 51.1327, 54.3482, 67.4698 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, 196, 208) }
```


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

```
.border{ border-color:rgb(185, 196, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 196, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 196, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 196, 208);  
box-shadow:4px 4px 4px 4px rgb(185, 196,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1327, 54.3482, 67.4698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 196, 208) }
```

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

```
.background{ background-color: rgb(185,  
196, 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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