

Converting Colors

XYZ(51.2217, 54.3297, 66.4253)

Have a look what the booklet for
XYZ(51.2217, 54.3297, 66.4253)
contains.

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Color

**XYZ(51.1302, 54.3752,
66.1931)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC4CE
RGB	186, 196, 206
RGB Percent	73%, 77%, 81%
CMY	0.2706, 0.2314, 0.1922
CMYK	0.10, 0.05, 0.00, 0.19
HSL	210°, 17%, 77%
HSV	210°, 10%, 81%
XYZ	51.1302, 54.3752, 66.1931
YIQ	194.1500, -9.1700, 0.9900

Conversions

Conversions Part 2

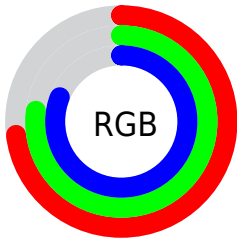
Format	Color
R _Y B	186, 193, 206
Decimal	12240078
CIE Lab	78.68, -1.46, -6.18
CIE LCh	79, 6.354, 256.739
Yxy	54.3752, 0.2978, 0.3167
Android (android.graphics.Color)	4290430158 (0xFFBAC4CE)
YUV	194.1500, 5.8420, -7.1476
Hunter-Lab	73.7395, -5.2742, -1.6046

Details

The XYZ color **51.1302, 54.3752, 66.1931** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.0567, 56.1464, 54.4436**, and the grayscale version is **51.3387, 54.0123, 58.8194**.

A 20% lighter version of the original color is **89.7932, 96.3478, 108.4721**, and **25.0134, 26.5995, 33.5216** is the 20% darker color. If you saturate the color by 10%, you get **44.2388, 47.4934, 65.2289**, and if you desaturate by 10%, it is **58.9057, 61.9523, 67.2467**.

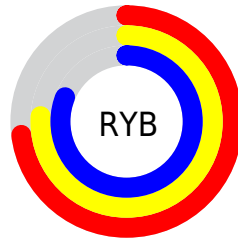
Distribution



Red (73%)

Green (77%)

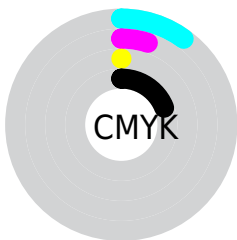
Blue (81%)



Red (73%)

Yellow (76%)

Blue (81%)

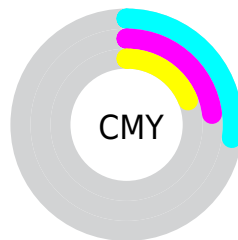


Cyan (10%)

Magenta (5%)

Yellow (0%)

Black (19%)



Cyan (27%)

Magenta (23%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.1302, 54.3752, 66.1931 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 51.1302, 54.3752, 66.1931 by changing the saturation by 10% instead.

■ 51.1302, 54.3752,
66.1931

■ 51.1302, 54.3752,
66.1931

381.4488,
403.5391, 465.4902

■ 36.5337, 38.9017,
47.9717

■ 91.0290, 96.6249,
115.3931

■ 25.0187, 26.6833,
33.4446

117.0621,
124.1699, 147.2087

■ 16.2198, 17.3355,
22.1934

147.6381,
156.5076, 184.3929

■ 9.7716, 10.4740,
13.7994

183.1223,
194.0223, 227.3641

■ 5.3089, 5.7143,
7.8441

223.8801,
237.0984, 276.5409

■ 2.4662, 2.6722,
3.9090

270.2769,

■ 0.8783, 0.9631,

286.1203, 332.3418

1.5756

322.6780,
341.4724, 395.1854

■ 0.0000, 0.0000,
0.2733

■ 0.0000, 0.0000,
0.0000

■ 51.1302, 54.3752,
66.1931

■ 51.1302, 54.3752,
66.1931

■ 44.2388, 47.4934,
65.2289

■ 58.9057, 61.9523,
67.2467

■ 38.1928, 41.2780,
64.3478

■ 67.5925, 70.2390,
68.3883

■ 32.9577, 35.7076,
63.5485

■ 77.2225, 79.2576,
69.6215

■ 28.4943, 30.7572,
62.8283

■ 82.7207, 86.3962,
70.7096

■ 24.7602, 26.3996,
62.1840

■ 85.7914, 92.5376,
71.7332

■ 21.7085, 22.6052,
61.6124

■ 88.1407, 97.2363,
72.5163

■ 19.2858, 19.3410,
61.1100

■ 17.4298, 16.5689,
60.6728

■ 16.0315, 14.2268,
60.2944

Harmonies

Analogous

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



50.0451, 54.3752, 64.3844



51.1302, 54.3752, 66.1931



52.3804, 54.3752, 66.0762

Triad

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



51.1302, 54.3752, 66.1931



54.0285, 54.3752, 57.2363



49.9438, 54.3752, 54.5924

Complementary

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



51.1302, 54.3752, 66.1931



54.0567, 56.1464, 54.4436

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.



50.9898, 54.3752, 52.8281



51.1302, 54.3752, 66.1931



53.3542, 54.3752, 54.3117

Square

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



51.1302, 54.3752, 66.1931



54.0676, 54.3752, 60.8055



52.2377, 54.3752, 52.7275



49.3677, 54.3752, 57.6335

Rectangle

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



51.1302, 54.3752, 66.1931



53.1396, 54.3752, 64.9206



52.2377, 54.3752, 52.7275



50.2513, 54.3752, 53.8358

Sweetspot

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



51.1318, 54.3775, 66.1943



91.0836, 96.1623, 108.3683



52.2478, 58.5530, 60.5748



19.2736, 20.3670, 23.1653



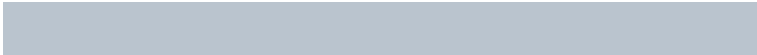
0.0000, 0.0000, 0.0000



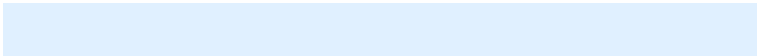
20.3446, 21.4041, 23.3091

Same Dimension

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



51.1318, 54.3775, 66.1943



79.9878, 85.2777, 106.8522



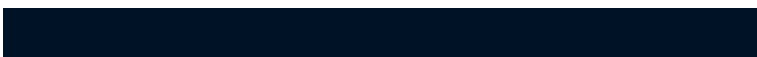
49.0204, 50.1548, 65.4905



11.0576, 11.7555, 14.2566



9.9456, 8.9152, 37.1529



0.5890, 0.6117, 1.9420

Inverse Universe

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



52.9775, 52.2263, 59.5157



83.6876, 81.0603, 93.4435



56.3085, 60.6501, 55.1942



11.4424, 11.3057, 12.8643



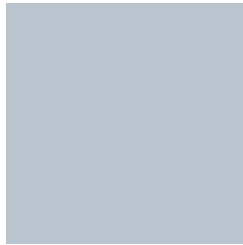
17.2310, 8.7030, 8.9350



0.9272, 0.4643, 0.6627

Previews

White Background



This preview shows how the XYZ color 51.1302, 54.3752, 66.1931 looks on a white background.

Color Contrast Check

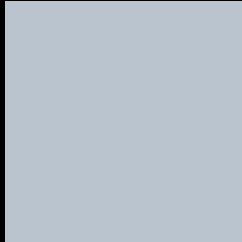
Large Text (above 18pt) WCAG AA × Fail

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 51.1302, 54.3752, 66.1931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

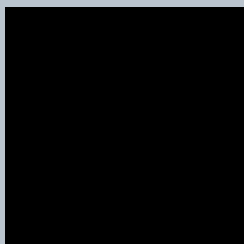
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

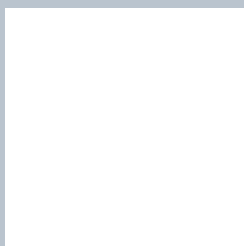
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.1302, 54.3752, 66.1931

Background



This preview shows how black text looks on a background with the XYZ color 51.1302, 54.3752, 66.1931.



This preview shows how white text looks on a background with the XYZ color 51.1302, 54.3752,

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

51.1302, 54.3752, 66.1931

Protanopia

52.4747, 54.1017, 64.8037

Deuteranopia

55.4725, 54.3101, 66.5907



Tritanopia

51.7665, 54.2982, 69.3802

Trichromacy



Original Color

51.1302, 54.3752, 66.1931

Protanomaly

52.0495, 54.1978, 65.4755

Deuteranomaly

53.9315, 54.4836, 66.7054

Tritanomaly

51.5172, 54.1985, 68.0677

Monochromacy



Original Color

51.1302, 54.3752, 66.1931

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.1940, 54.1838, 61.1864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1302, 54.3752, 66.1931 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, 196, 206)` looks like.

```
.text, #text, p{  
    color:rgb(186, 196, 206)  
}
```

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, 196, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 196, 206) }
```

Border

The CSS property to change the border of an element to XYZ 51.1302, 54.3752, 66.1931 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, 196, 206) }
```


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

```
.border{ border-color:rgb(186, 196, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 196, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 196, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 196, 206);  
box-shadow:4px 4px 4px 4px rgb(186, 196,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1302, 54.3752, 66.1931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 196, 206) }
```

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

```
.background{ background-color: rgb(186,  
196, 206) }
```

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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