

Converting Colors

XYZ(48.2991, 51.9483, 63.0177)

Have a look what the booklet for
XYZ(48.2991, 51.9483, 63.0177)
contains.

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Color

**XYZ(48.2030, 51.9407,
62.7433)**

Conversions

Conversions Part 1

Format	Color
Hex	B3C1C9
RGB	179, 193, 201
RGB Percent	70%, 76%, 79%
CMY	0.2980, 0.2431, 0.2118
CMYK	0.11, 0.04, 0.00, 0.21
HSL	202°, 17%, 75%
HSV	202°, 11%, 79%
XYZ	48.2030, 51.9407, 62.7433
YIQ	189.7260, -10.9120, -0.4800

Conversions

Conversions Part 2

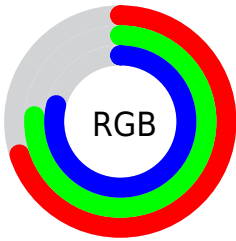
Format	Color
R_{YB}	179, 188, 201
Decimal	11780553
CIE _{Lab}	77.25, -3.19, -5.66
CIE _{LCh}	77, 6.498, 240.628
Yxy	51.9407, 0.2959, 0.3189
Android (android.graphics.Color)	4289970633 (0xFFB3C1C9)
YUV	189.7260, 5.5581, -9.4067
Hunter-Lab	72.0699, -6.7349, -1.1683

Details

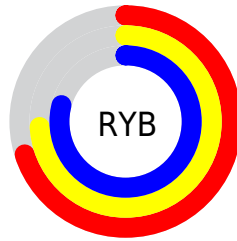
The XYZ color **48.2030, 51.9407, 62.7433** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.9947, 51.2125, 49.8988**, and the grayscale version is **48.7608, 51.3001, 55.8658**.

A 20% lighter version of the original color is **86.1866, 92.6335, 107.9453**, and **23.2487, 25.2984, 31.2615** is the 20% darker color. If you saturate the color by 10%, you get **42.3167, 46.5686, 62.0174**, and if you desaturate by 10%, it is **54.8494, 57.8259, 63.5298**.

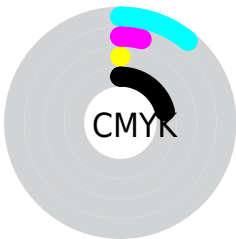
Distribution



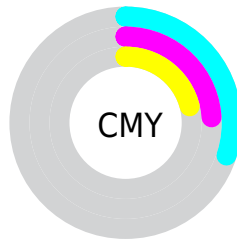
- Red (70%)
- Green (76%)
- Blue (79%)



- Red (70%)
- Yellow (74%)
- Blue (79%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (21%)



- Cyan (30%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.2030, 51.9407, 62.7433 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 48.2030, 51.9407, 62.7433 by changing the saturation by 10% instead.

■ 48.2030, 51.9407,
62.7433

■ 48.2030, 51.9407,
62.7433

370.1654,
394.2076, 452.7195

■ 34.1996, 36.9578,
45.1939

■ 86.7144, 93.0438,
110.3811

■ 23.2106, 25.1748,
31.2661

111.9532,
119.9328, 141.3066

■ 14.8706, 16.2074,
20.5414

141.6678,
151.5592, 177.5278

■ 8.8144, 9.6710,
12.6012

176.2235,
188.3076, 219.4634

■ 4.6764, 5.1814,
7.0271

215.9858,
230.5622, 267.5318

■ 2.0915, 2.3541,
3.4003

261.3200,

■ 0.6846, 0.8021,

278.7075, 322.1516

1.3025

312.5914,
333.1278, 383.7413

■ 0.0000, 0.0000,
0.0638

■ 0.0000, 0.0000,
0.0000

■ 48.2030, 51.9407,
62.7433

■ 48.2030, 51.9407,
62.7433

■ 42.3167, 46.5686,
62.0174

■ 54.8494, 57.8259,
63.5298

■ 37.1555, 41.6857,
61.3470

■ 62.2797, 64.2339,
64.3750

■ 32.6885, 37.2758,
60.7312

■ 70.5225, 71.1826,
65.2818

■ 28.8807, 33.3190,
60.1682

■ 77.9653, 77.8421,
66.1749

■ 25.6937, 29.7936,
59.6557

■ 79.9509, 81.8133,
66.8368

■ 23.0847, 26.6759,
59.1914

■ 82.0216, 85.9548,
67.5271

■ 21.0052, 23.9389,
58.7727

■ 84.1786, 90.2687,
68.2460

■ 19.3976, 21.5509,
58.3965

■ 86.4227, 94.7570,
68.9941

■ 18.2536, 19.6388,
58.0877

■ 87.5428, 96.9971,
69.3674

Harmonies

Analogous

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



47.3363, 51.9407, 60.1205



48.2030, 51.9407, 62.7433



49.3943, 51.9407, 63.6922

Triad

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



48.2030, 51.9407, 62.7433



51.8012, 51.9407, 56.4794



48.1583, 51.9407, 50.8568

Complementary

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



48.2030, 51.9407, 62.7433



49.9947, 51.2125, 49.8988

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.



49.3418, 51.9407, 49.9712



48.2030, 51.9407, 62.7433



51.4572, 51.9407, 53.1325

Square

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



48.2030, 51.9407, 62.7433



51.4842, 51.9407, 59.9850



50.5518, 51.9407, 50.7868



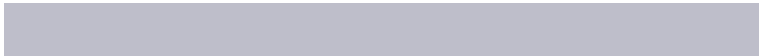
47.3108, 51.9407, 53.2575

Rectangle

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



48.2030, 51.9407, 62.7433



50.2164, 51.9407, 63.2180



50.5518, 51.9407, 50.7868



48.5293, 51.9407, 50.3767

Sweetspot

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



48.2045, 51.9429, 62.7445



91.4106, 96.8164, 108.4773



48.4155, 54.9329, 54.8977



19.3619, 20.5436, 23.1948



0.0000, 0.0000, 0.0000



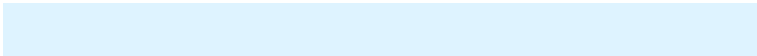
20.3446, 21.4041, 23.3091

Same Dimension

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



48.2045, 51.9429, 62.7445



80.1638, 86.7971, 107.1362



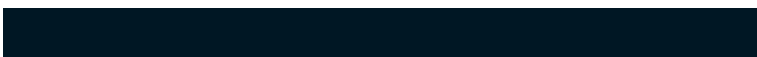
45.9234, 47.3806, 61.9841



10.6100, 11.3941, 13.5576



11.5666, 12.5272, 36.5527



0.6148, 0.7274, 1.7531

Inverse Universe

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



49.8343, 48.5091, 57.1912



83.4915, 79.8909, 95.7743



52.3505, 55.9242, 50.6841



10.9132, 10.7487, 12.5260



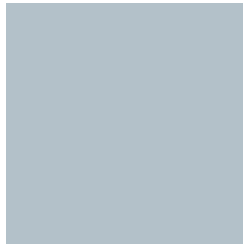
17.6376, 8.8046, 13.8335



0.8690, 0.4304, 0.8334

Previews

White Background



This preview shows how the XYZ color 48.2030, 51.9407, 62.7433 looks on a white background.

Color Contrast Check

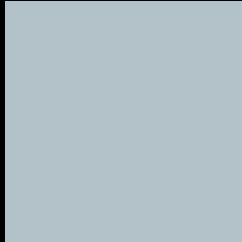
Large Text (above 18pt) WCAG AA × Fail

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 48.2030, 51.9407, 62.7433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

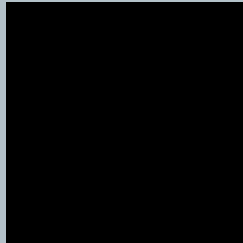
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

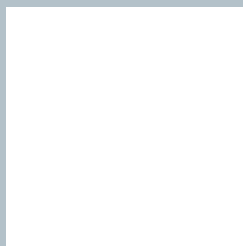
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.2030, 51.9407, 62.7433

Background



This preview shows how black text looks on a background with the XYZ color 48.2030, 51.9407, 62.7433.



This preview shows how white text looks on a background with the XYZ color 48.2030, 51.9407,

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

48.2030, 51.9407, 62.7433

Protanopia

49.9923, 51.5951, 61.3568

Deuteranopia

53.0303, 51.8471, 63.7124



Tritanopia

48.9345, 51.9076, 66.4715

Trichromacy



Original Color

48.2030, 51.9407, 62.7433

Protanomaly

49.3323, 51.5618, 61.9959

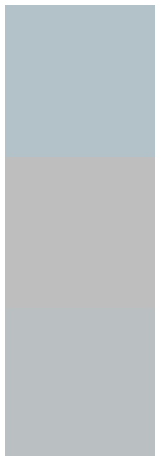
Deuteranomaly

51.1496, 51.8328, 63.1860

Tritanomaly

48.6915, 51.8104, 65.1917

Monochromacy



Original Color

48.2030, 51.9407, 62.7433

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.6181, 51.5957, 58.4355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2030, 51.9407, 62.7433 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(179, 193, 201) looks like.

```
.text, #text, p{  
    color:rgb(179, 193, 201)  
}
```

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(179, 193, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 193, 201) }
```

Border

The CSS property to change the border of an element to XYZ 48.2030, 51.9407, 62.7433 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(179, 193, 201) }
```


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

```
.border{ border-color:rgb(179, 193, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 193, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 193, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 193, 201);  
box-shadow:4px 4px 4px 4px rgb(179, 193,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2030, 51.9407, 62.7433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 193, 201) }
```

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

```
.background{ background-color: rgb(179,  
193, 201) }
```

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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