

Converting Colors

XYZ(48.7068, 51.5755, 61.4208)

Have a look what the booklet for
XYZ(48.7068, 51.5755, 61.4208)
contains.

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Color

**XYZ(48.7068, 51.5755,
61.4208)**

Conversions

Conversions Part 1

Format	Color
Hex	B8BFC7
RGB	184, 191, 199
RGB Percent	72%, 75%, 78%
CMY	0.2784, 0.2510, 0.2196
CMYK	0.08, 0.04, 0.00, 0.22
HSL	212°, 12%, 75%
HSV	212°, 8%, 78%
XYZ	48.7068, 51.5755, 61.4208
YIQ	189.8190, -6.7400, 1.0040

Conversions

Conversions Part 2

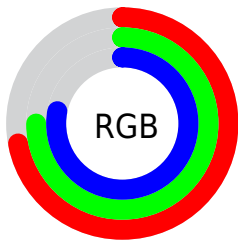
Format	Color
RYB	184, 189, 199
Decimal	12107719
CIELab	77.03, -0.86, -4.86
CIELCh	77, 4.938, 259.988
Yxy	51.5755, 0.3012, 0.3190
Android (android.graphics.Color)	4290297799 (0xFFB8BFC7)
YUV	189.8190, 4.5262, -5.1033
Hunter-Lab	71.8161, -4.6166, -0.4366

Details

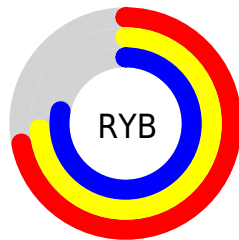
The XYZ color **48.7068, 51.5755, 61.4208** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.0548, 53.3017, 52.9457**, and the grayscale version is **48.8182, 51.3606, 55.9317**.

A 20% lighter version of the original color is **87.2459, 92.2668, 107.8187**, and **23.5594, 25.0466, 30.3808** is the 20% darker color. If you saturate the color by 10%, you get **42.0409, 44.8291, 60.4707**, and if you desaturate by 10%, it is **56.2140, 59.0072, 62.4604**.

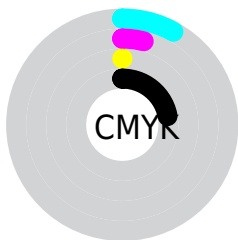
Distribution



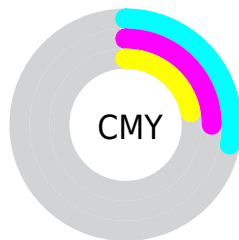
- Red (72%)
- Green (75%)
- Blue (78%)



- Red (72%)
- Yellow (74%)
- Blue (78%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)



- Cyan (28%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.7068, 51.5755, 61.4208 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 48.7068, 51.5755, 61.4208 by changing the saturation by 10% instead.

■ 48.7068, 51.5755,
61.4208

■ 48.7068, 51.5755,
61.4208

372.1230,
392.7956, 447.7644

■ 34.6005, 36.6668,
44.1321

■ 87.4592, 92.5049,
108.4514

■ 23.5204, 24.9496,
30.4364

112.8360,
119.2944, 139.0305

■ 15.1010, 16.0395,
19.9152

142.7004,
150.8130, 174.8767

■ 8.9771, 9.5521,
12.1500

177.4177,
187.4450, 216.4086

■ 4.7832, 5.1030,
6.7221

217.3532,
229.5749, 264.0448

■ 2.1541, 2.3078,
3.2131

262.8724,

■ 0.7184, 0.7779,

277.5870, 318.2038

1.2045

314.3405,
331.8658, 379.3042

■ 0.0000, 0.0000,
0.0000

■ 48.7068, 51.5755,
61.4208

■ 48.7068, 51.5755,
61.4208

■ 42.0409, 44.8291,
60.4707

■ 56.2140, 59.0072,
62.4604

■ 36.1803, 38.7401,
59.6043

■ 64.5875, 67.1380,
63.5885

■ 31.0932, 33.2880,
58.8201

■ 73.8570, 75.9896,
64.8084

■ 26.7435, 28.4486,
58.1153

■ 80.8133, 83.9123,
65.9710

■ 23.0924, 24.1962,
57.4869

■ 83.9153, 90.1163,
67.0050

■ 20.0969, 20.5024,
56.9318

■ 87.2011, 96.6879,
68.1003

■ 17.7088, 17.3363,
56.4465

■ 87.3090, 96.9036,
68.1362

■ 15.8722, 14.6623,
56.0272

■ 14.5094, 12.4334,
55.6688

Harmonies

Analogous

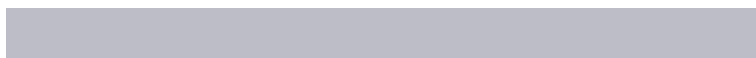
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



47.8658, 51.5755, 60.2237



48.7068, 51.5755, 61.4208



49.6426, 51.5755, 61.1733

Triad

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



48.7068, 51.5755, 61.4208



50.7426, 51.5755, 54.4027



47.6470, 51.5755, 52.8879

Complementary

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



48.7068, 51.5755, 61.4208



51.0548, 53.3017, 52.9457

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.



48.4045, 51.5755, 51.4226



48.7068, 51.5755, 61.4208



50.1946, 51.5755, 52.2775

Square

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



48.7068, 51.5755, 61.4208



50.8261, 51.5755, 57.0635



49.3365, 51.5755, 51.2028



47.2591, 51.5755, 55.2601

Rectangle

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



48.7068, 51.5755, 61.4208



50.1940, 51.5755, 60.2251



49.3365, 51.5755, 51.2028



47.8664, 51.5755, 52.2762

Sweetspot

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



48.7083, 51.5777, 61.4219



92.3372, 97.3230, 108.5263



49.6782, 54.8328, 57.6904



19.7924, 20.8593, 23.2330



0.0000, 0.0000, 0.0000



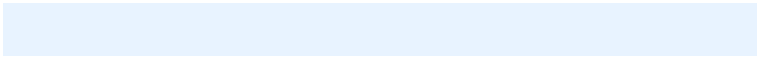
20.3446, 21.4041, 23.3091

Same Dimension

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



48.7083, 51.5777, 61.4219



83.3251, 88.3445, 107.2682



47.2773, 48.6267, 60.9278



10.4580, 11.0901, 13.5069



9.2265, 7.8469, 35.7727



0.5092, 0.5162, 1.7179

Inverse Universe

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



50.0988, 50.1858, 56.3391



86.2528, 85.4582, 96.5567



52.5629, 56.4164, 53.4674



10.8365, 10.7180, 12.1221



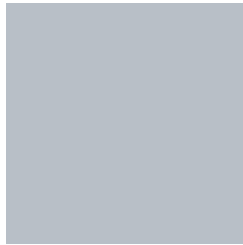
16.4564, 8.3321, 7.6134



0.8157, 0.4091, 0.5527

Previews

White Background



This preview shows how the XYZ color 48.7068, 51.5755, 61.4208 looks on a white background.

Color Contrast Check

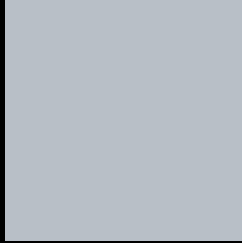
Large Text (above 18pt) WCAG AA × Fail

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 48.7068, 51.5755, 61.4208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

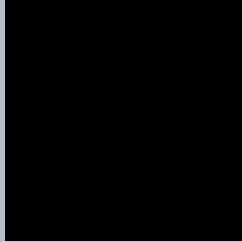
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

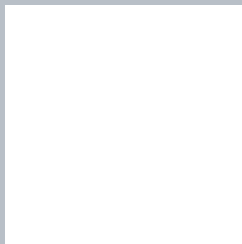
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.7068, 51.5755, 61.4208

Background



This preview shows how black text looks on a background with the XYZ color 48.7068, 51.5755, 61.4208.



This preview shows how white text looks on a background with the XYZ color 48.7068, 51.5755,

61.4208.

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

48.7068, 51.5755, 61.4208

Protanopia

49.8765, 51.5488, 60.7472

Deuteranopia

52.4677, 51.2885, 61.7779



Tritanopia

49.4405, 51.5490, 65.1018

Trichromacy



Original Color

48.7068, 51.5755, 61.4208

Protanomaly

49.3455, 51.5955, 60.7842

Deuteranomaly

51.2216, 51.5811, 61.9001

Tritanomaly

49.2005, 51.4530, 63.8382

Monochromacy



Original Color

48.7068, 51.5755, 61.4208

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.7781, 51.3685, 57.7963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7068, 51.5755, 61.4208 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(184, 191, 199)` looks like.

```
.text, #text, p{  
    color:rgb(184, 191, 199)  
}
```

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(184, 191, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 191, 199) }
```

Border

The CSS property to change the border of an element to XYZ 48.7068, 51.5755, 61.4208 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(184, 191, 199) }
```


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

```
.border{ border-color:rgb(184, 191, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 191, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 191, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 191, 199);  
box-shadow:4px 4px 4px 4px rgb(184, 191,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7068, 51.5755, 61.4208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 191, 199) }
```

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

```
.background{ background-color: rgb(184,  
191, 199) }
```

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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