

Converting Colors

XYZ(48.6294, 51.5317, 62.7143)

Have a look what the booklet for
XYZ(48.6294, 51.5317, 62.7143)
contains.

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Color

**XYZ(48.7019, 51.5459,
62.6408)**

Conversions

Conversions Part 1

Format	Color
Hex	B7BFC9
RGB	183, 191, 201
RGB Percent	72%, 75%, 79%
CMY	0.2823, 0.2510, 0.2118
CMYK	0.09, 0.05, 0.00, 0.21
HSL	213°, 14%, 75%
HSV	213°, 9%, 79%
XYZ	48.7019, 51.5459, 62.6408
YIQ	189.7480, -7.9780, 1.4140

Conversions

Conversions Part 2

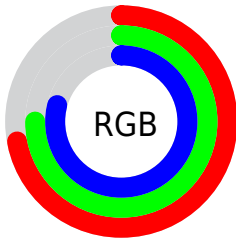
Format	Color
R_{YB}	183, 189, 201
Decimal	12042185
CIE _{Lab}	77.01, -0.80, -5.98
CIE _{LCh}	77, 6.033, 262.426
Yxy	51.5459, 0.2990, 0.3164
Android (android.graphics.Color)	4290232265 (0xFFB7BFC9)
YUV	189.7480, 5.5472, -5.9180
Hunter-Lab	71.7955, -4.5580, -1.4731

Details

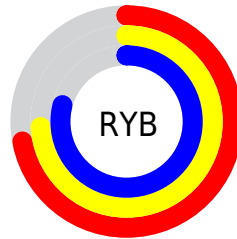
The XYZ color **48.7019, 51.5459, 62.6408** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.7049, 53.9762, 52.4942**, and the grayscale version is **48.7722, 51.3122, 55.8790**.

A 20% lighter version of the original color is **86.9074, 92.0923, 107.8028**, and **23.5609, 25.0294, 31.1931** is the 20% darker color. If you saturate the color by 10%, you get **41.9160, 44.5713, 61.6530**, and if you desaturate by 10%, it is **56.3592, 59.2480, 63.7247**.

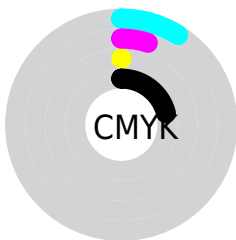
Distribution



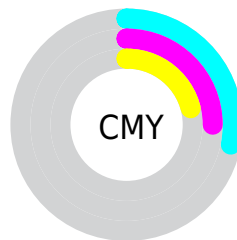
- Red (72%)
- Green (75%)
- Blue (79%)



- Red (72%)
- Yellow (74%)
- Blue (79%)



- Cyan (9%)
- Magenta (5%)
- Yellow (0%)
- Black (21%)



- Cyan (28%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.7019, 51.5459, 62.6408 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 48.7019, 51.5459, 62.6408 by changing the saturation by 10% instead.

■ 48.7019, 51.5459,
62.6408

■ 48.7019, 51.5459,
62.6408

372.1040,
392.6810, 452.3367

■ 34.5966, 36.6432,
45.1115

■ 87.4519, 92.4612,
110.2317

■ 23.5174, 24.9314,
31.2017

112.8274,
119.2426, 141.1304

■ 15.0988, 16.0259,
20.4927

142.6903,
150.7524, 177.3227

■ 8.9755, 9.5425,
12.5661

177.4060,
187.3750, 219.2271

■ 4.7822, 5.0967,
7.0033

217.3399,
229.4948, 267.2622

■ 2.1535, 2.3041,
3.3857

262.8573,

■ 0.7180, 0.7759,

277.4961, 321.8465

1.2948

314.3236,
331.7634, 383.3984

■ 0.0000, 0.0000,
0.0575

■ 0.0000, 0.0000,
0.0000

■ 48.7019, 51.5459,
62.6408

■ 48.7019, 51.5459,
62.6408

■ 41.9160, 44.5713,
61.6530

■ 56.3592, 59.2480,
63.7247

■ 35.9640, 38.2947,
60.7552

■ 64.9144, 67.6929,
64.9038

■ 30.8124, 32.6938,
59.9457

■ 74.3985, 76.9039,
66.1818

■ 26.4234, 27.7426,
59.2213

■ 81.6804, 85.2723,
67.4133

■ 22.7560, 23.4130,
58.5789

■ 84.9897, 91.8909,
68.5164

■ 19.7649, 19.6748,
58.0150

■ 87.5428, 96.9971,
69.3674

■ 17.3991, 16.4940,
57.5257

■ 15.5993, 13.8325,
57.1069

■ 14.2700, 11.6325,
56.7523

Harmonies

Analogous

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



47.6565, 51.5459, 61.2963



48.7019, 51.5459, 62.6408



49.8415, 51.5459, 62.1859

Triad

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



48.7019, 51.5459, 62.6408



51.0659, 51.5459, 53.7427



47.2607, 51.5459, 52.3501

Complementary

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



48.7019, 51.5459, 62.6408



51.7049, 53.9762, 52.4942

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.



48.1539, 51.5459, 50.4708



48.7019, 51.5459, 62.6408



50.3539, 51.5459, 51.2526

Square

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



48.7019, 51.5459, 62.6408



51.2181, 51.5459, 56.9637



49.2849, 51.5459, 50.0770



46.8329, 51.5459, 55.2940

Rectangle

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



48.7019, 51.5459, 62.6408



50.5002, 51.5459, 60.9314



49.2849, 51.5459, 50.0770



47.5158, 51.5459, 51.5777

Sweetspot

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



48.7034, 51.5481, 62.6419



90.9508, 95.8968, 108.3241



50.0305, 55.6873, 58.5064



19.2378, 20.2954, 23.1534



0.0000, 0.0000, 0.0000



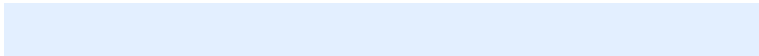
20.3446, 21.4041, 23.3091

Same Dimension

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



48.7034, 51.5481, 62.6419



80.7026, 85.5223, 106.8617



47.2204, 48.2632, 62.0861



10.4383, 11.0507, 13.5003



8.9823, 7.3585, 35.6913



0.4973, 0.4923, 1.7140

Inverse Universe

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



50.4261, 50.0473, 56.2950



84.3376, 82.4277, 93.4526



53.2809, 57.4862, 53.0886



10.8265, 10.7140, 12.0698



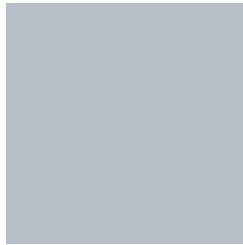
16.3332, 8.2828, 6.9644



0.8097, 0.4067, 0.5210

Previews

White Background



This preview shows how the XYZ color 48.7019, 51.5459, 62.6408 looks on a white background.

Color Contrast Check

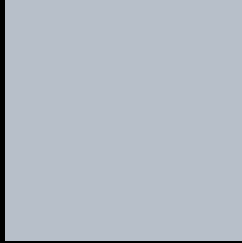
Large Text (above 18pt) WCAG AA × Fail

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 48.7019, 51.5459, 62.6408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

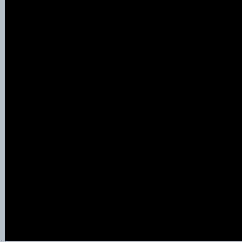
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

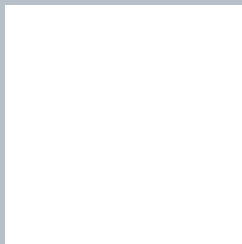
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.7019, 51.5459, 62.6408

Background



This preview shows how black text looks on a background with the XYZ color 48.7019, 51.5459, 62.6408.

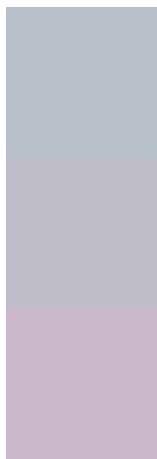


This preview shows how white text looks on a background with the XYZ color 48.7019, 51.5459,

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

48.7019, 51.5459, 62.6408

Protanopia

49.8581, 51.5125, 61.9587

Deuteranopia

52.4298, 51.2418, 63.0044



Tritanopia

49.2001, 51.4250, 65.0905

Trichromacy



Original Color

48.7019, 51.5459, 62.6408

Protanomaly

49.3323, 51.5618, 61.9959

Deuteranomaly

51.1959, 51.5407, 63.1271

Tritanomaly

49.0797, 51.3769, 64.4567

Monochromacy



Original Color

48.7019, 51.5459, 62.6408

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.6446, 51.2867, 58.3744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7019, 51.5459, 62.6408 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(183, 191, 201)` looks like.

```
.text, #text, p{  
    color:rgb(183, 191, 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(183, 191, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 191, 201) }
```

Border

The CSS property to change the border of an element to XYZ 48.7019, 51.5459, 62.6408 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(183, 191, 201) }
```


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

```
.border{ border-color:rgb(183, 191, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 191, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 191, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 191, 201);  
box-shadow:4px 4px 4px 4px rgb(183, 191,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7019, 51.5459, 62.6408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 191, 201) }
```

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

```
.background{ background-color: rgb(183,  
191, 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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