

Converting Colors

XYZ(49.2437, 52.0044, 61.0665)

Have a look what the booklet for
XYZ(49.2437, 52.0044, 61.0665)
contains.

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Color

**XYZ(49.0735, 51.7779,
60.8338)**

Conversions

Conversions Part 1

Format	Color
Hex	BABFC6
RGB	186, 191, 198
RGB Percent	73%, 75%, 78%
CMY	0.2706, 0.2510, 0.2235
CMYK	0.06, 0.04, 0.00, 0.22
HSL	215°, 10%, 75%
HSV	215°, 6%, 78%
XYZ	49.0735, 51.7779, 60.8338
YIQ	190.3030, -5.2270, 1.1170

Conversions

Conversions Part 2

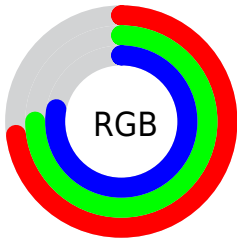
Format	Color
RYB	186, 190, 198
Decimal	12238790
CIELab	77.15, -0.38, -4.12
CIELCh	77, 4.142, 264.727
Yxy	51.7779, 0.3035, 0.3202
Android (android.graphics.Color)	4290428870 (0xFFBABFC6)
YUV	190.3030, 3.7946, -3.7737
Hunter-Lab	71.9569, -4.1902, 0.2448

Details

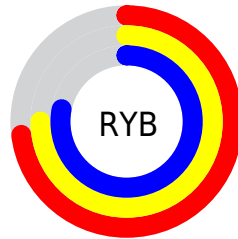
The XYZ color **49.0735, 51.7779, 60.8338** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.2217, 53.6903, 54.1187**, and the grayscale version is **49.1003, 51.6574, 56.2549**.

A 20% lighter version of the original color is **87.9287, 92.6188, 107.8506**, and **23.7954, 25.1771, 29.9911** is the 20% darker color. If you saturate the color by 10%, you get **42.1736, 44.6307, 59.8187**, and if you desaturate by 10%, it is **56.8414, 59.6700, 61.9485**.

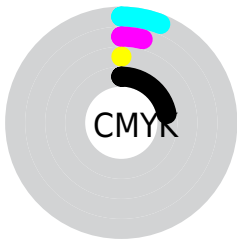
Distribution



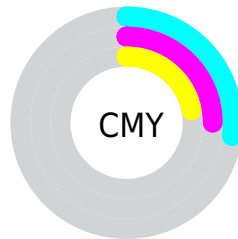
- Red (73%)
- Green (75%)
- Blue (78%)



- Red (73%)
- Yellow (75%)
- Blue (78%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)



- Cyan (27%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.0735, 51.7779, 60.8338 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 49.0735, 51.7779, 60.8338 by changing the saturation by 10% instead.

■ 49.0735, 51.7779,
60.8338

■ 49.0735, 51.7779,
60.8338

373.5438,
393.5786, 445.5540

■ 34.8926, 36.8281,
43.6614

■ 88.0007, 92.8036,
107.5934

■ 23.7463, 25.0744,
30.0691

113.4776,
119.6483, 138.0177

■ 15.2692, 16.1325,
19.6386

143.4506,
151.2267, 173.6964

■ 9.0961, 9.6180,
11.9511

178.2850,
187.9232, 215.0479

■ 4.8615, 5.1464,
6.5883

218.3462,
230.1223, 262.4909

■ 2.2002, 2.3334,
3.1315

263.9994,

■ 0.7428, 0.7913,

278.2083, 316.4439

1.1621

315.6102,
332.5656, 377.3254

■ 0.0000, 0.0000,
0.0000

■ 49.0735, 51.7779,
60.8338

■ 49.0735, 51.7779,
60.8338

■ 42.1736, 44.6307,
59.8187

■ 56.8414, 59.6700,
61.9485

■ 36.1055, 38.1988,
58.8971

■ 65.5029, 68.3226,
63.1621

■ 30.8369, 32.4599,
58.0670

■ 75.0881, 77.7588,
64.4783

■ 26.3313, 27.3880,
57.3255

■ 81.7708, 86.0124,
65.7192

■ 22.5496, 22.9553,
56.6692

■ 85.2252, 92.9214,
66.8707

■ 19.4487, 19.1317,
56.0946

■ 87.1932, 96.8573,
67.5267

■ 16.9805, 15.8840,
55.5979

■ 15.0895, 13.1751,
55.1747

■ 13.7071, 10.9602,
54.8200

Harmonies

Analogous

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



48.3390, 51.7779, 60.0144



49.0735, 51.7779, 60.8338



49.8533, 51.7779, 60.4333

Triad

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



49.0735, 51.7779, 60.8338



50.6099, 51.7779, 54.5721



47.9802, 51.7779, 53.8955

Complementary

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



49.0735, 51.7779, 60.8338



51.2217, 53.6903, 54.1187

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.



48.5789, 51.7779, 52.5070



49.0735, 51.7779, 60.8338



50.0982, 51.7779, 52.8903

Square

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



49.0735, 51.7779, 60.8338



50.7458, 51.7779, 56.7792



49.3534, 51.7779, 52.1440



47.7121, 51.7779, 55.9774

Rectangle

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



49.0735, 51.7779, 60.8338



50.2931, 51.7779, 59.5338



49.3534, 51.7779, 52.1440



48.1492, 51.7779, 53.3345

Sweetspot

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



49.0750, 51.7801, 60.8349



92.2572, 97.1629, 108.4996



50.0479, 54.6695, 58.2504



19.7761, 20.8267, 23.2276



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.



49.0750, 51.7801, 60.8349



85.5543, 90.3086, 107.5299



48.1973, 49.7354, 60.4865



10.7122, 11.3092, 13.5358



8.6985, 6.7909, 35.5967



0.4831, 0.4639, 1.7092

Inverse Universe

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



50.2527, 50.8861, 56.4662



87.9868, 88.4830, 98.5016



52.1362, 55.8315, 54.4838



11.0353, 11.0678, 12.3362



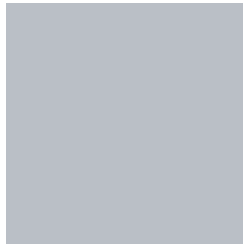
16.1899, 8.2255, 6.2100



0.8025, 0.4039, 0.4833

Previews

White Background



This preview shows how the XYZ color 49.0735, 51.7779, 60.8338 looks on a white background.

Color Contrast Check

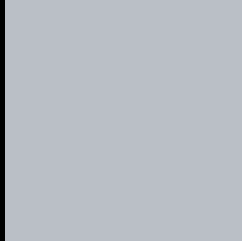
Large Text (above 18pt) WCAG AA × Fail

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 49.0735, 51.7779, 60.8338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

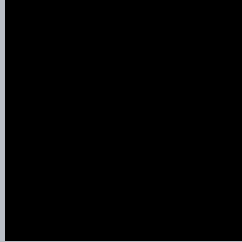
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

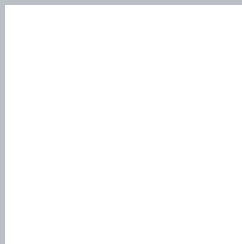
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.0735, 51.7779, 60.8338

Background



This preview shows how black text looks on a background with the XYZ color 49.0735, 51.7779, 60.8338.



This preview shows how white text looks on a background with the XYZ color 49.0735, 51.7779,

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

49.0735, 51.7779, 60.8338

Protanopia

50.0139, 51.6329, 60.1535

Deuteranopia

52.8346, 51.8006, 61.2467



Tritanopia

49.9264, 51.7995, 65.1245

Trichromacy



Original Color

49.0735, 51.7779, 60.8338

Protanomaly

49.7267, 51.8053, 60.2019

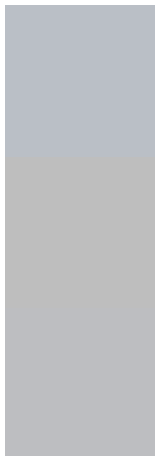
Deuteranomaly

51.3678, 51.6699, 61.2987

Tritanomaly

49.5676, 51.6560, 63.2352

Monochromacy



Original Color

49.0735, 51.7779, 60.8338

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.0254, 51.4960, 57.8079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.0735, 51.7779, 60.8338 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, 191, 198) looks like.

```
.text, #text, p{  
    color:rgb(186, 191, 198)  
}
```

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, 191, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 191, 198) }
```

Border

The CSS property to change the border of an element to XYZ 49.0735, 51.7779, 60.8338 is called "border". The border property can be set on classes, ids or directly on the HTML element.

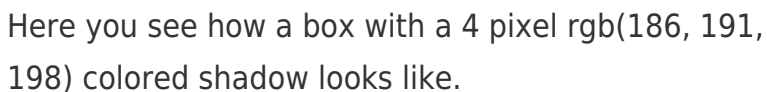
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 191, 198) }
```


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

```
.border{ border-color:rgb(186, 191, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 191, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 191, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 191, 198); box-shadow:4px 4px 4px 4px rgb(186, 191, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 49.0735, 51.7779, 60.8338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 191, 198) }
```

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

```
.background{ background-color: rgb(186,  
191, 198) }
```

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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