

Converting Colors

XYZ(47.8979, 50.8492, 60.7165)

Have a look what the booklet for
XYZ(47.8979, 50.8492, 60.7165)
contains.

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Color

**XYZ(47.8979, 50.8492,
60.7165)**

Conversions

Conversions Part 1

Format	Color
Hex	B6BEC6
RGB	182, 190, 198
RGB Percent	71%, 75%, 78%
CMY	0.2863, 0.2549, 0.2235
CMYK	0.08, 0.04, 0.00, 0.22
HSL	210°, 12%, 75%
HSV	210°, 8%, 78%
XYZ	47.8979, 50.8492, 60.7165
YIQ	188.5200, -7.3360, 0.7920

Conversions

Conversions Part 2

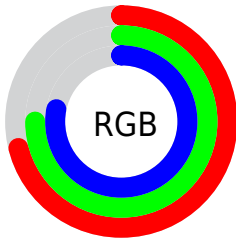
Format	Color
R_YB	182, 187, 198
Decimal	11976390
CIE Lab	76.59, -1.19, -4.98
CIE LCh	77, 5.126, 256.523
Yxy	50.8492, 0.3004, 0.3189
Android (android.graphics.Color)	4290166470 (0xFFB6BEC6)
YUV	188.5200, 4.6736, -5.7180
Hunter-Lab	71.3086, -4.8919, -0.5671

Details

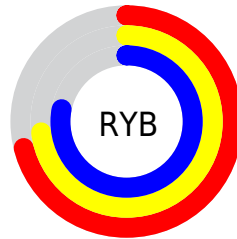
The XYZ color **47.8979, 50.8492, 60.7165** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.1459, 52.2097, 51.6914**, and the grayscale version is **48.0742, 50.5778, 55.0792**.

A 20% lighter version of the original color is **86.2657, 91.3087, 107.6854**, and **23.0330, 24.5721, 29.9145** is the 20% darker color. If you saturate the color by 10%, you get **41.4775, 44.4658, 59.8236**, and if you desaturate by 10%, it is **55.1280, 57.8688, 61.6911**.

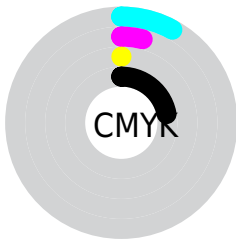
Distribution



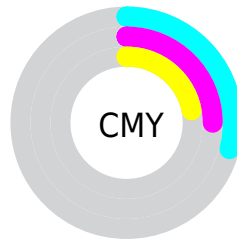
- Red (71%)
- Green (75%)
- Blue (78%)



- Red (71%)
- Yellow (73%)
- Blue (78%)



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



- Cyan (29%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.8979, 50.8492, 60.7165 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 47.8979, 50.8492, 60.7165 by changing the saturation by 10% instead.

■ 47.8979, 50.8492,
60.7165

■ 47.8979, 50.8492,
60.7165

368.9766,
389.9776, 445.1115

■ 33.9570, 36.0886,
43.5673

■ 86.2630, 91.4318,
107.4219

■ 23.0233, 24.5026,
29.9958

111.4178,
118.0227, 137.8152

■ 14.7315, 15.7069,
19.5834

141.0414,
149.3257, 173.4602

■ 8.7162, 9.3170,
11.9115

175.4989,
185.7253, 214.7757

■ 4.6122, 4.9485,
6.5616

215.1559,
227.6059, 262.1800

■ 2.0540, 2.2171,
3.1152

260.3776,

■ 0.6640, 0.7293,

275.3519, 316.0917

1.1538

311.5294,
329.3477, 376.9293

■ 0.0000, 0.0000,
0.0000

■ 47.8979, 50.8492,
60.7165

■ 47.8979, 50.8492,
60.7165

■ 41.4775, 44.4658,
59.8236

■ 55.1280, 57.8688,
61.6911

■ 35.8319, 38.6923,
59.0067

■ 63.1922, 65.5373,
62.7463

■ 30.9301, 33.5097,
58.2647

■ 72.1192, 73.8748,
63.8851

■ 26.7371, 28.8955,
57.5951

■ 79.6162, 81.7032,
65.0010

■ 23.2150, 24.8253,
56.9951

■ 82.4425, 87.3559,
65.9431

■ 20.3220, 21.2727,
56.4619

■ 85.4276, 93.3260,
66.9381

■ 18.0108, 18.2084,
55.9922

■ 87.1932, 96.8573,
67.5267

■ 16.2266, 15.5989,
55.5825

■ 14.8882, 13.3966,
55.2280

Harmonies

Analogous

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



47.0605, 50.8492, 59.3273



47.8979, 50.8492, 60.7165



48.8622, 50.8492, 60.6385

Triad

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



47.8979, 50.8492, 60.7165



50.1382, 50.8492, 53.8631



46.9918, 50.8492, 51.7768

Complementary

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



47.8979, 50.8492, 60.7165



50.1459, 52.2097, 51.6914

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.



47.8029, 50.8492, 50.4086



47.8979, 50.8492, 60.7165



49.6234, 50.8492, 51.5853

Square

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



47.8979, 50.8492, 60.7165



50.1644, 50.8492, 56.6185



48.7660, 50.8492, 50.3397



46.5421, 50.8492, 54.1324

Rectangle

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



47.8979, 50.8492, 60.7165



49.4475, 50.8492, 59.7639



48.7660, 50.8492, 50.3397



47.2307, 50.8492, 51.1896

Sweetspot

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



47.8994, 50.8513, 60.7176



92.3907, 97.4299, 108.5441



48.7515, 54.0402, 56.4247



19.8033, 20.8810, 23.2366



0.0000, 0.0000, 0.0000



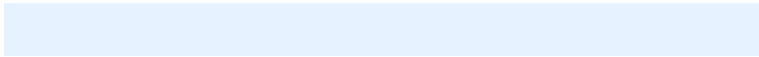
20.3446, 21.4041, 23.3091

Same Dimension

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



47.8994, 50.8513, 60.7176



82.3508, 87.6163, 107.1790



46.2679, 47.5884, 60.1738



10.4876, 11.1493, 13.5168



9.6182, 8.6303, 35.9032



0.5279, 0.5535, 1.7242

Inverse Universe

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



49.3121, 49.1804, 55.6114



85.4631, 84.0018, 95.9146



51.8662, 55.6504, 52.2648



10.8514, 10.7239, 12.2008



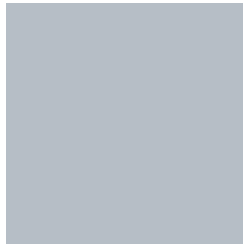
16.6542, 8.4112, 8.6546



0.8251, 0.4129, 0.6023

Previews

White Background



This preview shows how the XYZ color 47.8979, 50.8492, 60.7165 looks on a white background.

Color Contrast Check

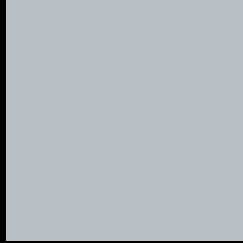
Large Text (above 18pt) WCAG AA × Fail

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 47.8979, 50.8492, 60.7165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

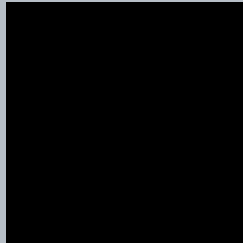
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

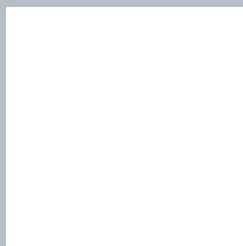
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.8979, 50.8492, 60.7165

Background



This preview shows how black text looks on a background with the XYZ color 47.8979, 50.8492, 60.7165.



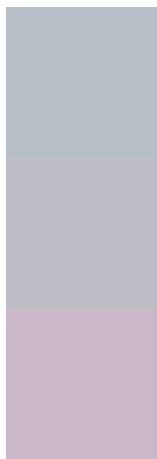
This preview shows how white text looks on a background with the XYZ color 47.8979, 50.8492,

60.7165.

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

47.8979, 50.8492, 60.7165

Protanopia

49.2965, 50.9448, 60.0585

Deuteranopia

51.5994, 50.5471, 61.0698



Tritanopia

48.6251, 50.8221, 64.3736

Trichromacy



Original Color

47.8979, 50.8492, 60.7165

Protanomaly

48.7692, 50.9912, 60.0952

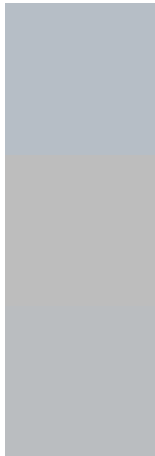
Deuteranomaly

50.3734, 50.8434, 61.1916

Tritanomaly

48.3867, 50.7267, 63.1181

Monochromacy



Original Color

47.8979, 50.8492, 60.7165

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

47.9617, 50.6401, 57.1158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8979, 50.8492, 60.7165 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(182, 190, 198)` looks like.

```
.text, #text, p{  
    color:rgb(182, 190, 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(182, 190, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 190, 198) }
```

Border

The CSS property to change the border of an element to XYZ 47.8979, 50.8492, 60.7165 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(182, 190, 198) }
```


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

```
.border{ border-color:rgb(182, 190, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 190, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 190, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 190, 198);  
box-shadow:4px 4px 4px 4px rgb(182, 190,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8979, 50.8492, 60.7165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 190, 198) }
```

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

```
.background{ background-color: rgb(182,  
190, 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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