

Converting Colors

XYZ(46.9739, 49.6148, 58.2538)

Have a look what the booklet for
XYZ(46.9739, 49.6148, 58.2538)
contains.

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Color

**XYZ(46.7993, 49.3808,
58.1038)**

Conversions

Conversions Part 1

Format	Color
Hex	B6BBC2
RGB	182, 187, 194
RGB Percent	71%, 73%, 76%
CMY	0.2863, 0.2666, 0.2392
CMYK	0.06, 0.04, 0.00, 0.24
HSL	215°, 9%, 74%
HSV	215°, 6%, 76%
XYZ	46.7993, 49.3808, 58.1038
YIQ	186.3030, -5.2270, 1.1170

Conversions

Conversions Part 2

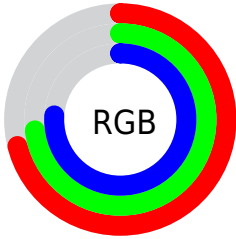
Format	Color
R _Y B	182, 186, 194
Decimal	11975618
CIE Lab	75.69, -0.38, -4.14
CIE LCh	76, 4.158, 264.740
Yxy	49.3808, 0.3033, 0.3201
Android (android.graphics.Color)	4290165698 (0xFFB6BBC2)
YUV	186.3030, 3.7946, -3.7737
Hunter-Lab	70.2715, -4.0979, 0.1662

Details

The XYZ color **46.7993, 49.3808, 58.1038** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.8893, 51.2413, 51.5705**, and the grayscale version is **46.8247, 49.2632, 53.6476**.

A 20% lighter version of the original color is **84.5658, 89.1805, 103.1989**, and **22.3120, 23.6108, 28.1923** is the 20% darker color. If you saturate the color by 10%, you get **40.2257, 42.5700, 57.1364**, and if you desaturate by 10%, it is **54.1996, 56.9011, 59.1661**.

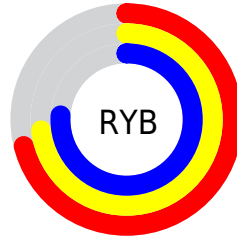
Distribution



Red (71%)

Green (73%)

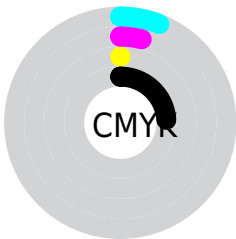
Blue (76%)



Red (71%)

Yellow (73%)

Blue (76%)

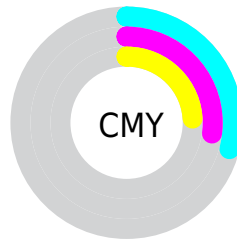


Cyan (6%)

Magenta (4%)

Yellow (0%)

Black (24%)



Cyan (29%)

Magenta (27%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.7993, 49.3808, 58.1038 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 46.7993, 49.3808, 58.1038 by changing the saturation by 10% instead.

■ 46.7993, 49.3808,
58.1038

■ 46.7993, 49.3808,
58.1038

364.6752,
384.2395, 435.1817

■ 33.0843, 34.9216,
41.4768

■ 84.6345, 89.2568,
103.5903

■ 22.3506, 23.6025,
28.3694

109.4855,
115.4424, 133.2869

■ 14.2328, 15.0390,
18.3628

138.7791,
146.3056, 168.1771

■ 8.3655, 8.8468,
11.0387

172.8808,
182.2308, 208.6795

■ 4.3835, 4.6414,
5.9783

212.1559,
223.6024, 255.2126

■ 1.9213, 2.0384,
2.7633

256.9697,

■ 0.5892, 0.6297,

270.8048, 308.1950

0.9751

307.6877,
324.2224, 368.0452

■ 0.0000, 0.0000,
0.0000

■ 46.7993, 49.3808,
58.1038

■ 46.7993, 49.3808,
58.1038

■ 40.2257, 42.5700,
57.1364

■ 54.1996, 56.9011,
59.1661

■ 34.4441, 36.4404,
56.2580

■ 62.4509, 65.1456,
60.3225

■ 29.4239, 30.9707,
55.4668

■ 71.5818, 74.1364,
61.5767

■ 25.1304, 26.1364,
54.7600

■ 79.9049, 83.0095,
62.8507

■ 21.5263, 21.9109,
54.1344

■ 83.1968, 89.5932,
63.9480

■ 18.5706, 18.2654,
53.5865

■ 86.6974, 96.5944,
65.1148

■ 16.2175, 15.1686,
53.1128

■ 86.7378, 96.6751,
65.1283

■ 14.4143, 12.5850,
52.7091

■ 13.0947, 10.4715,
52.3707

Harmonies

Analogous

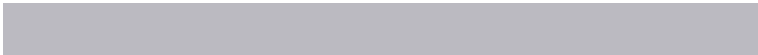
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



46.0849, 49.3808, 57.3066



46.7993, 49.3808, 58.1038



47.5577, 49.3808, 57.7134

Triad

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



46.7993, 49.3808, 58.1038



48.2933, 49.3808, 52.0111



45.7357, 49.3808, 51.3550

Complementary

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



46.7993, 49.3808, 58.1038



48.8893, 51.2413, 51.5705

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.



46.3177, 49.3808, 50.0053



46.7993, 49.3808, 58.1038



47.7954, 49.3808, 50.3768

Square

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



46.7993, 49.3808, 58.1038



48.4257, 49.3808, 54.1572



47.0709, 49.3808, 49.6521



45.4752, 49.3808, 53.3793

Rectangle

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



46.7993, 49.3808, 58.1038



47.9855, 49.3808, 56.8376



47.0709, 49.3808, 49.6521



45.8999, 49.3808, 50.8096

Sweetspot

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



46.8007, 49.3829, 58.1049



90.1738, 94.9687, 106.0479



47.7475, 52.1949, 55.5891



19.7761, 20.8267, 23.2276



0.0000, 0.0000, 0.0000



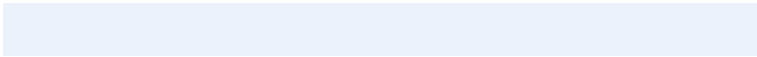
20.3446, 21.4041, 23.3091

Same Dimension

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



46.8007, 49.3829, 58.1049



83.6257, 88.2728, 105.1006



45.9471, 47.3944, 57.7661



10.1472, 10.7127, 12.8178



8.4082, 6.5729, 34.3822



0.4313, 0.4199, 1.5082

Inverse Universe

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



47.9468, 48.5140, 53.8533



86.0020, 86.4891, 96.2810



49.7794, 53.3255, 51.9258



10.4523, 10.4847, 11.6854



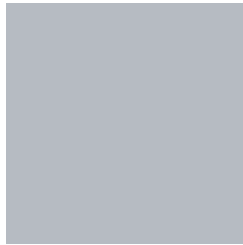
15.6400, 7.9458, 6.0165



0.7101, 0.3570, 0.4406

Previews

White Background



This preview shows how the XYZ color 46.7993, 49.3808, 58.1038 looks on a white background.

Color Contrast Check

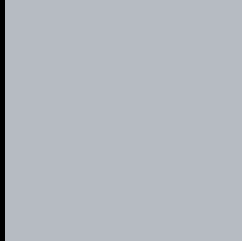
Large Text (above 18pt) WCAG AA × Fail

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 46.7993, 49.3808, 58.1038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

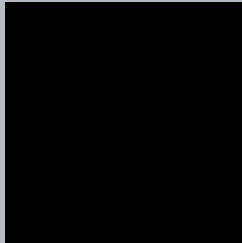
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

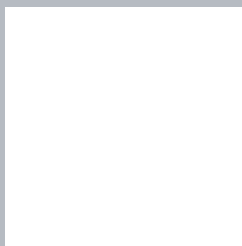
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.7993, 49.3808, 58.1038

Background



This preview shows how black text looks on a background with the XYZ color 46.7993, 49.3808, 58.1038.



This preview shows how white text looks on a background with the XYZ color 46.7993, 49.3808,

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

46.7993, 49.3808, 58.1038

Protanopia

47.7136, 49.2395, 57.4415

Deuteranopia

50.1936, 49.2672, 58.4938



Tritanopia

47.6300, 49.4021, 62.2835

Trichromacy



Original Color

46.7993, 49.3808, 58.1038

Protanomaly

47.4342, 49.4072, 57.4886

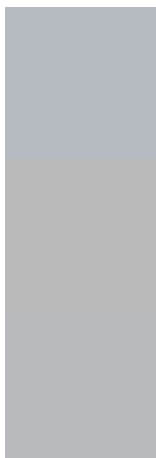
Deuteranomaly

48.7761, 49.1446, 58.5448

Tritanomaly

47.2804, 49.2623, 60.4427

Monochromacy



Original Color

46.7993, 49.3808, 58.1038

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.7518, 49.1062, 55.1585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7993, 49.3808, 58.1038 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, 187, 194) looks like.

```
.text, #text, p{  
    color:rgb(182, 187, 194)  
}
```

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, 187, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 187, 194) }
```

Border

The CSS property to change the border of an element to XYZ 46.7993, 49.3808, 58.1038 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, 187, 194) }
```


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

```
.border{ border-color:rgb(182, 187, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 187, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 187, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 187, 194);  
box-shadow:4px 4px 4px 4px rgb(182, 187,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7993, 49.3808, 58.1038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 187, 194) }
```

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

```
.background{ background-color: rgb(182,  
187, 194) }
```

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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