

Converting Colors

XYZ(42.9873, 48.0390, 58.3645)

Have a look what the booklet for
XYZ(42.9873, 48.0390, 58.3645)
contains.

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Color

**XYZ(42.9482, 48.0167,
58.6343)**

Conversions

Conversions Part 1

Format	Color
Hex	A2BDC3
RGB	162, 189, 195
RGB Percent	64%, 74%, 76%
CMY	0.3647, 0.2588, 0.2353
CMYK	0.17, 0.03, 0.00, 0.24
HSL	191°, 22%, 70%
HSV	191°, 17%, 76%
XYZ	42.9482, 48.0167, 58.6343
YIQ	181.6110, -18.0180, -3.8580

Conversions

Conversions Part 2

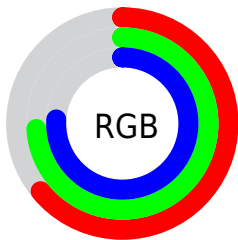
Format	Color
RYB	162, 177, 195
Decimal	10665411
CIELab	74.84, -7.85, -6.10
CIElCh	75, 9.942, 217.861
Yxy	48.0167, 0.2871, 0.3210
Android (android.graphics.Color)	4288855491 (0xFFA2BDC3)
YUV	181.6110, 6.6008, -17.1988
Hunter-Lab	69.2941, -10.6310, -1.6633

Details

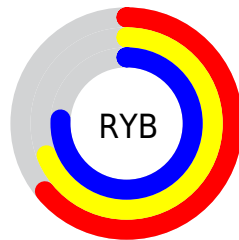
The XYZ color **42.9482, 48.0167, 58.6343** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.0302, 42.2159, 40.0638**, and the grayscale version is **44.2254, 46.5285, 50.6696**.

A 20% lighter version of the original color is **78.8384, 87.0848, 104.7493**, and **20.0423, 22.8464, 28.5528** is the 20% darker color. If you saturate the color by 10%, you get **38.5375, 44.6262, 58.2131**, and if you desaturate by 10%, it is **47.9946, 51.7651, 59.0926**.

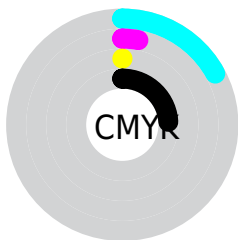
Distribution



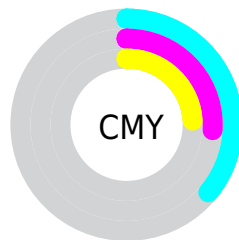
- Red (64%)
- Green (74%)
- Blue (76%)



- Red (64%)
- Yellow (69%)
- Blue (76%)



- Cyan (17%)
- Magenta (3%)
- Yellow (0%)
- Black (24%)



- Cyan (36%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9482, 48.0167, 58.6343 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 42.9482, 48.0167, 58.6343 by changing the saturation by 10% instead.

■ 42.9482, 48.0167,
58.6343

■ 42.9482, 48.0167,
58.6343

349.3238,
378.8583, 437.2094

■ 30.0388, 33.8401,
41.9007

■ 78.8889, 87.2293,
104.3699

■ 20.0163, 22.7708,
28.6986

■ 102.6509,
113.0340, 134.2089

■ 12.5152, 14.4244,
18.6093

130.7612,
143.4837, 169.2536

■ 7.1703, 8.4164,
11.2144

163.5851,
178.9625, 209.9223

■ 3.6161, 4.3625,
6.0952

201.4879,
219.8550, 256.6338

■ 1.4873, 1.8784,
2.8333

244.8351,

■ 0.3172, 0.5353,

266.5456, 309.8064

1.0102

293.9919,
319.4185, 369.8588

■ 0.0000, 0.0000,
0.0000

■ 42.9482, 48.0167,
58.6343

■ 42.9482, 48.0167,
58.6343

■ 38.5375, 44.6262,
58.2131

■ 47.9946, 51.7651,
59.0926

■ 34.7299, 41.5728,
57.8244

■ 53.6991, 55.8793,
59.5861

■ 31.4962, 38.8426,
57.4679

■ 60.0880, 60.3744,
60.1170

■ 28.8033, 36.4182,
57.1418

■ 67.1849, 65.2627,
60.6865

■ 26.6142, 34.2804,
56.8446

■ 73.3364, 69.6921,
61.2172

■ 24.8874, 32.4076,
56.5741

■ 74.2032, 71.4257,
61.5061

■ 23.5745, 30.7746,
56.3281

■ 75.0894, 73.1980,
61.8015

■ 22.6098, 29.3473,
56.1035

■ 75.9951, 75.0094,
62.1034

■ 22.3455, 28.9301,
56.0369

■ 76.9204, 76.8600,
62.4119

Harmonies

Analogous

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



42.2803, 48.0167, 53.6556



42.9482, 48.0167, 58.6343



44.3407, 48.0167, 62.0579

Triad

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



42.9482, 48.0167, 58.6343



48.9352, 48.0167, 56.1249



45.1646, 48.0167, 43.0258

Complementary

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



42.9482, 48.0167, 58.6343



43.0302, 42.2159, 40.0638

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.



46.9613, 48.0167, 43.5908



42.9482, 48.0167, 58.6343



49.1698, 48.0167, 50.9320

Square

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



42.9482, 48.0167, 58.6343



47.8057, 48.0167, 60.5438



48.4387, 48.0167, 46.4060



43.5377, 48.0167, 44.8083

Rectangle

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



42.9482, 48.0167, 58.6343



45.5088, 48.0167, 62.8767



48.4387, 48.0167, 46.4060



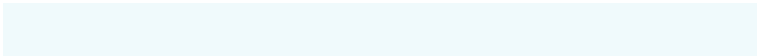
45.7683, 48.0167, 42.9498

Sweetspot

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



42.9496, 48.0187, 58.6354



87.7528, 94.0201, 105.9924



41.4376, 49.5210, 44.1774



19.0633, 20.4775, 23.1978



0.0000, 0.0000, 0.0000



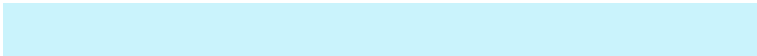
20.3446, 21.4041, 23.3091

Same Dimension

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



42.9496, 48.0187, 58.6354



74.1210, 83.8731, 104.7523



39.6950, 41.5096, 57.5505



10.2079, 11.1070, 12.8907



14.5795, 18.9156, 36.4393



0.6714, 0.9003, 1.5883

Inverse Universe

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



44.6124, 41.1179, 53.7316



77.6383, 69.4895, 94.3319



46.1686, 48.4926, 41.1100



10.4162, 10.2151, 12.2823



18.7550, 9.1918, 22.4199



0.8313, 0.4055, 1.0790

Previews

White Background



This preview shows how the XYZ color 42.9482, 48.0167, 58.6343 looks on a white background.

Color Contrast Check

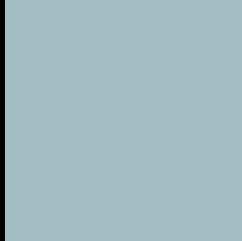
Large Text (above 18pt) WCAG AA × Fail

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 42.9482, 48.0167, 58.6343 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

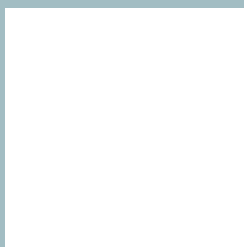
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.9482, 48.0167, 58.6343

Background



This preview shows how black text looks on a background with the XYZ color 42.9482, 48.0167, 58.6343.



This preview shows how white text looks on a background with the XYZ color 42.9482, 48.0167,

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

42.9482, 48.0167, 58.6343

Protanopia

46.3450, 47.9428, 56.1015

Deuteranopia

48.9631, 48.0072, 59.5090



Tritanopia

43.8670, 48.0648, 63.4653

Trichromacy



Original Color

42.9482, 48.0167, 58.6343

Protanomaly

44.9949, 47.8508, 56.7338

Deuteranomaly

46.6645, 48.0428, 59.0383

Tritanomaly

43.5128, 47.9231, 61.6003

Monochromacy



Original Color

42.9482, 48.0167, 58.6343

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.9978, 47.3997, 53.8438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9482, 48.0167, 58.6343 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(162, 189, 195)` looks like.

```
.text, #text, p{  
    color:rgb(162, 189, 195)  
}
```

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(162, 189, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 189, 195) }
```

Border

The CSS property to change the border of an element to XYZ 42.9482, 48.0167, 58.6343 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(162, 189, 195) }
```


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

```
.border{ border-color:rgb(162, 189, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 189, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 189, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 189, 195); box-shadow:4px 4px 4px 4px rgb(162, 189, 195) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9482, 48.0167, 58.6343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 189, 195) }
```

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

```
.background{ background-color: rgb(162,  
189, 195) }
```

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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