

Converting Colors

XYZ(42.0471, 46.6708, 54.7658)

Have a look what the booklet for
XYZ(42.0471, 46.6708, 54.7658)
contains.

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Color

**XYZ(42.0541, 46.6844,
54.9386)**

Conversions

Conversions Part 1

Format	Color
Hex	A4BABD
RGB	164, 186, 189
RGB Percent	64%, 73%, 74%
CMY	0.3569, 0.2706, 0.2588
CMYK	0.13, 0.02, 0.00, 0.26
HSL	187°, 16%, 69%
HSV	187°, 13%, 74%
XYZ	42.0541, 46.6844, 54.9386
YIQ	179.7640, -14.0750, -3.7310

Conversions

Conversions Part 2

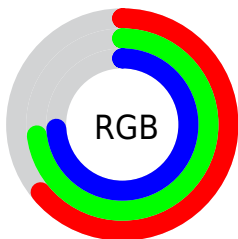
Format	Color
RYB	164, 176, 189
Decimal	10795709
CIELab	73.99, -6.88, -4.07
CIElCh	74, 7.990, 210.630
Yxy	46.6844, 0.2927, 0.3249
Android (android.graphics.Color)	4288985789 (0xFFA4BABD)
YUV	179.7640, 4.5533, -13.8250
Hunter-Lab	68.3260, -9.7051, 0.1551

Details

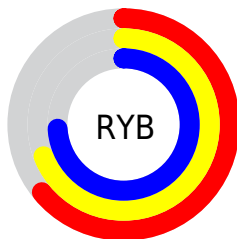
The XYZ color **42.0541, 46.6844, 54.9386** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.5063, 41.1367, 40.8756**, and the grayscale version is **43.2388, 45.4905, 49.5392**.

A 20% lighter version of the original color is **77.4470, 85.1569, 98.7412**, and **19.5136, 21.9974, 26.5100** is the 20% darker color. If you saturate the color by 10%, you get **37.9665, 43.8753, 54.6126**, and if you desaturate by 10%, it is **46.7316, 49.8114, 55.2964**.

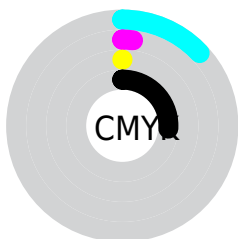
Distribution



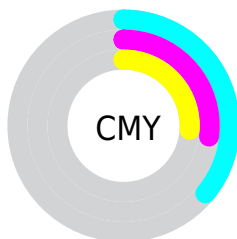
- Red (64%)
- Green (73%)
- Blue (74%)



- Red (64%)
- Yellow (69%)
- Blue (74%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (26%)



- Cyan (36%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0541, 46.6844, 54.9386 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 42.0541, 46.6844, 54.9386 by changing the saturation by 10% instead.

■ 42.0541, 46.6844,
54.9386

■ 42.0541, 46.6844,
54.9386

345.6950,
373.5534, 422.9545

■ 29.3349, 32.7862,
38.9543

■ 77.5461, 85.2423,
98.9212

■ 19.4799, 21.9627,
26.4166

■ 101.0498,
110.6709, 127.7567

■ 12.1236, 13.8295,
16.9070

128.8789,
140.7117, 161.7129

■ 6.9007, 8.0022,
10.0070

161.3989,
175.7492, 201.2084

■ 3.4459, 4.0963,
5.2979

198.9752,
216.1677, 246.6618

■ 1.3937, 1.7276,
2.3613

241.9730,

■ 0.2517, 0.4414,

262.3516, 298.4916

0.7653

290.7578,
314.6854, 357.1163

■ 0.0000, 0.0000,
0.0000

■ 42.0541, 46.6844,
54.9386

■ 42.0541, 46.6844,
54.9386

■ 37.9665, 43.8753,
54.6126

■ 46.7316, 49.8114,
55.2964

■ 34.4393, 41.3650,
54.3139

■ 52.0189, 53.2628,
55.6839

■ 31.4465, 39.1413,
54.0425

■ 57.9401, 57.0523,
56.1033

■ 28.9582, 37.1888,
53.7967

■ 64.5164, 61.1909,
56.5555

■ 26.9418, 35.4906,
53.5752

■ 70.4678, 65.0189,
56.9807

■ 25.3607, 34.0278,
53.3762

■ 70.9874, 66.0581,
57.1539

■ 24.1730, 32.7787,
53.1977

■ 71.5148, 67.1129,
57.3297

■ 23.3280, 31.7171,
53.0373

■ 72.0500, 68.1833,
57.5081

■ 22.8835, 31.0702,
52.9359

■ 72.5930, 69.2693,
57.6891

Harmonies

Analogous

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



41.6862, 46.6844, 50.9178



42.0541, 46.6844, 54.9386



43.0408, 46.6844, 57.9872

Triad

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



42.0541, 46.6844, 54.9386



46.8050, 46.6844, 54.7812



44.3420, 46.6844, 43.3758

Complementary

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



42.0541, 46.6844, 54.9386



41.5063, 41.1367, 40.8756

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.



45.7307, 46.6844, 44.2899



42.0541, 46.6844, 54.9386



47.1710, 46.6844, 50.7450

Square

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



42.0541, 46.6844, 54.9386



45.7840, 46.6844, 57.8930



46.7738, 46.6844, 46.9341



42.9896, 46.6844, 44.3687

Rectangle

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



42.0541, 46.6844, 54.9386



43.9272, 46.6844, 58.9805



46.7738, 46.6844, 46.9341



44.8201, 46.6844, 43.4697

Sweetspot

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



42.0555, 46.6863, 54.9396



82.9527, 88.7204, 98.9789



40.4757, 47.0755, 43.4730



17.6960, 18.9845, 21.2743



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



42.0555, 46.6863, 54.9396



72.9931, 82.0308, 98.2126



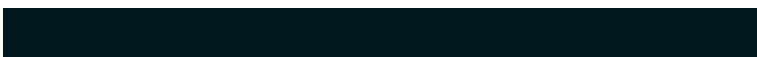
39.5518, 41.6790, 54.1051



9.7083, 10.6089, 12.2083



15.4336, 20.9789, 35.6288



0.6324, 0.8775, 1.4049

Inverse Universe

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



43.1258, 40.9160, 52.0811



75.3128, 69.6396, 91.9912



43.8917, 45.9075, 41.6707



9.8794, 9.6760, 11.7538



18.7909, 9.1475, 25.2563



0.7501, 0.3639, 1.0634

Previews

White Background



This preview shows how the XYZ color 42.0541, 46.6844, 54.9386 looks on a white background.

Color Contrast Check

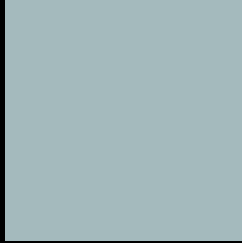
Large Text (above 18pt) WCAG AA × Fail

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 42.0541, 46.6844, 54.9386 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 42.0541, 46.6844, 54.9386

Background



This preview shows how black text looks on a background with the XYZ color 42.0541, 46.6844, 54.9386.



This preview shows how white text looks on a background with the XYZ color 42.0541, 46.6844,

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

42.0541, 46.6844, 54.9386

Protanopia

44.9152, 46.6602, 53.0934

Deuteranopia

47.4350, 46.4144, 55.7490



Tritanopia

43.1752, 46.5115, 60.7349

Trichromacy



Original Color

42.0541, 46.6844, 54.9386

Protanomaly

43.8076, 46.6849, 53.7159

Deuteranomaly

45.3827, 46.5506, 55.3084

Tritanomaly

42.7163, 46.6374, 58.3803

Monochromacy



Original Color

42.0541, 46.6844, 54.9386

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.7308, 45.8735, 51.4021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0541, 46.6844, 54.9386 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(164, 186, 189)` looks like.

```
.text, #text, p{  
    color:rgb(164, 186, 189)  
}
```

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(164, 186, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 186, 189) }
```

Border

The CSS property to change the border of an element to XYZ 42.0541, 46.6844, 54.9386 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(164, 186, 189) }
```


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

```
.border{ border-color:rgb(164, 186, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 186, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 186, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 186, 189);  
box-shadow:4px 4px 4px 4px rgb(164, 186,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0541, 46.6844, 54.9386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 186, 189) }
```

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

```
.background{ background-color: rgb(164,  
186, 189) }
```

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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