

Converting Colors

XYZ(42.5732, 46.3422, 54.1904)

Have a look what the booklet for
XYZ(42.5732, 46.3422, 54.1904)
contains.

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Color

**XYZ(42.5798, 46.3468,
54.2786)**

Conversions

Conversions Part 1

Format	Color
Hex	A9B8BC
RGB	169, 184, 188
RGB Percent	66%, 72%, 74%
CMY	0.3372, 0.2784, 0.2627
CMYK	0.10, 0.02, 0.00, 0.26
HSL	193°, 12%, 70%
HSV	193°, 10%, 74%
XYZ	42.5798, 46.3468, 54.2786
YIQ	179.9710, -10.2240, -1.9360

Conversions

Conversions Part 2

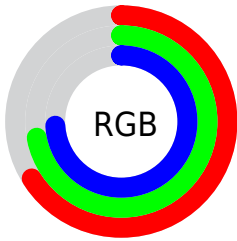
Format	Color
R_{YB}	169, 177, 188
Decimal	11122876
CIE Lab	73.77, -4.36, -3.81
CIE LCh	74, 5.785, 221.135
Yxy	46.3468, 0.2973, 0.3236
Android (android.graphics.Color)	4289312956 (0xFFA9B8BC)
YUV	179.9710, 3.9583, -9.6216
Hunter-Lab	68.0785, -7.4942, 0.3833

Details

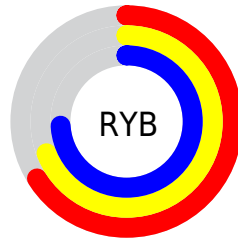
The XYZ color **42.5798, 46.3468, 54.2786** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.8444, 43.4430, 43.6642**, and the grayscale version is **43.3513, 45.6090, 49.6681**.

A 20% lighter version of the original color is **78.2297, 84.6991, 97.8134**, and **19.8256, 21.7638, 26.0776** is the 20% darker color. If you saturate the color by 10%, you get **38.0231, 42.7962, 53.8342**, and if you desaturate by 10%, it is **47.7421, 50.2462, 54.7599**.

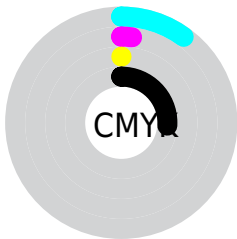
Distribution



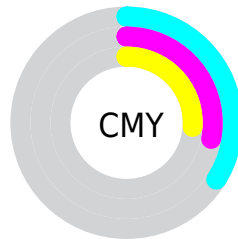
- Red (66%)
- Green (72%)
- Blue (74%)



- Red (66%)
- Yellow (69%)
- Blue (74%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (26%)



- Cyan (34%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5798, 46.3468, 54.2786 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 42.5798, 46.3468, 54.2786 by changing the saturation by 10% instead.

■ 42.5798, 46.3468,
54.2786

■ 42.5798, 46.3468,
54.2786

347.8317,
372.2011, 420.3761

■ 29.7486, 32.5196,
38.4298

■ 78.3361, 84.7378,
97.9437

■ 19.7950, 21.7587,
26.0120

101.9919,
110.0703, 126.5970

■ 12.3535, 13.6797,
16.6068

129.9866,
140.0068, 160.3556

■ 7.0588, 7.8982,
9.7955

162.6856,
174.9315, 199.6380

■ 3.5456, 4.0299,
5.1598

200.4543,
215.2289, 244.8627

■ 1.4484, 1.6903,
2.2809

243.6580,

■ 0.2903, 0.4174,

261.2834, 296.4483

0.7205

292.6620,
313.4793, 354.8132

■ 0.0000, 0.0000,
0.0000

■ 42.5798, 46.3468,
54.2786

■ 42.5798, 46.3468,
54.2786

■ 38.0231, 42.7962,
53.8342

■ 47.7421, 50.2462,
54.7599

■ 34.0432, 39.5755,
53.4223

■ 53.5293, 54.5009,
55.2761

■ 30.6149, 36.6727,
53.0427

■ 59.9648, 59.1245,
55.8294

■ 27.7093, 34.0727,
52.6940

■ 67.0696, 64.1280,
56.4207

■ 25.2951, 31.7590,
52.3746

■ 71.8581, 67.9726,
56.9104

■ 23.3373, 29.7133,
52.0829

■ 72.8089, 69.8742,
57.2273

■ 21.7962, 27.9148,
51.8170

■ 73.7838, 71.8239,
57.5523

■ 20.6249, 26.3391,
51.5746

■ 74.7828, 73.8221,
57.8853

■ 19.7374, 24.9513,
51.3535

■ 75.8063, 75.8690,
58.2264

Harmonies

Analogous

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



42.1409, 46.3468, 51.5645



42.5798, 46.3468, 54.2786



43.4155, 46.3468, 56.0102

Triad

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



42.5798, 46.3468, 54.2786



45.9475, 46.3468, 52.3156



43.6708, 46.3468, 45.1127

Complementary

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



42.5798, 46.3468, 54.2786



42.8444, 43.4430, 43.6642

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.



44.6932, 46.3468, 45.2962



42.5798, 46.3468, 54.2786



46.0185, 46.3468, 49.3788

Square

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



42.5798, 46.3468, 54.2786



45.3639, 46.3468, 54.8468



45.5562, 46.3468, 46.8320



42.7642, 46.3468, 46.3207

Rectangle

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



42.5798, 46.3468, 54.2786



44.0904, 46.3468, 56.3355



45.5562, 46.3468, 46.8320



44.0121, 46.3468, 45.0150

Sweetspot

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



42.5811, 46.3487, 54.2796



83.6553, 88.9173, 98.9799



41.8697, 47.4117, 46.3793



17.8241, 18.9968, 21.2699



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.



42.5811, 46.3487, 54.2796



75.3551, 82.6021, 98.1984



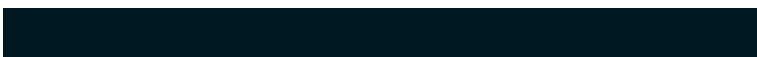
40.7118, 42.6101, 53.6565



9.6336, 10.4594, 12.1833



13.4932, 17.0980, 34.9820



0.5721, 0.7568, 1.3848

Inverse Universe

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



43.5798, 42.5290, 51.2616



77.5188, 74.4032, 91.6425



44.6907, 47.1357, 44.2797



9.8416, 9.6610, 11.5551



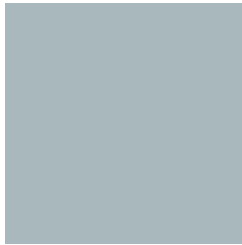
17.8115, 8.7557, 20.0987



0.7197, 0.3518, 0.9030

Previews

White Background



This preview shows how the XYZ color 42.5798, 46.3468, 54.2786 looks on a white background.

Color Contrast Check

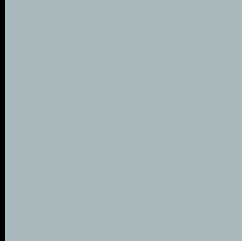
Large Text (above 18pt) WCAG AA × Fail

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 42.5798, 46.3468, 54.2786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

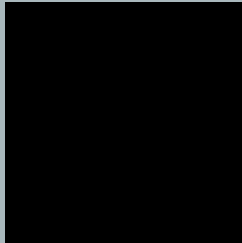
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.5798, 46.3468, 54.2786

Background



This preview shows how black text looks on a background with the XYZ color 42.5798, 46.3468, 54.2786.



This preview shows how white text looks on a background with the XYZ color 42.5798, 46.3468,

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

42.5798, 46.3468, 54.2786

Protanopia

44.7126, 46.2550, 53.0259

Deuteranopia

47.3253, 46.3705, 55.1713



Tritanopia

43.8061, 46.5561, 59.5007

Trichromacy



Original Color

42.5798, 46.3468, 54.2786

Protanomaly

43.8536, 46.1006, 53.6007

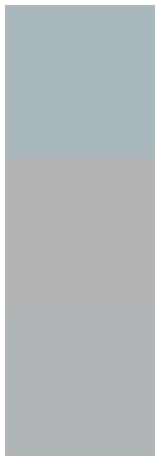
Deuteranomaly

45.5551, 46.3534, 54.6902

Tritanomaly

43.2487, 46.3081, 57.6978

Monochromacy



Original Color

42.5798, 46.3468, 54.2786

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.9756, 45.6968, 51.3550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5798, 46.3468, 54.2786 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(169, 184, 188)` looks like.

```
.text, #text, p{  
    color:rgb(169, 184, 188)  
}
```

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(169, 184, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 184, 188) }
```

Border

The CSS property to change the border of an element to XYZ 42.5798, 46.3468, 54.2786 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(169, 184, 188) }
```


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

```
.border{ border-color:rgb(169, 184, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 184, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 184, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 184, 188);  
box-shadow:4px 4px 4px 4px rgb(169, 184,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5798, 46.3468, 54.2786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 184, 188) }
```

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

```
.background{ background-color: rgb(169,  
184, 188) }
```

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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