

Converting Colors

XYZ(42.5060, 46.3389, 54.8301)

Have a look what the booklet for
XYZ(42.5060, 46.3389, 54.8301)
contains.

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Color

**XYZ(42.4742, 46.2799,
54.8384)**

Conversions

Conversions Part 1

Format	Color
Hex	A8B8BD
RGB	168, 184, 189
RGB Percent	66%, 72%, 74%
CMY	0.3412, 0.2784, 0.2588
CMYK	0.11, 0.03, 0.00, 0.26
HSL	194°, 14%, 70%
HSV	194°, 11%, 74%
XYZ	42.4742, 46.2799, 54.8384
YIQ	179.7860, -11.1410, -1.8370

Conversions

Conversions Part 2

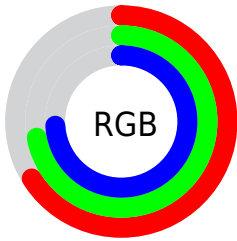
Format	Color
RYB	168, 177, 189
Decimal	11057341
CIELab	73.73, -4.49, -4.42
CIELCh	74, 6.301, 224.589
Yxy	46.2799, 0.2958, 0.3223
Android (android.graphics.Color)	4289247421 (0xFFA8B8BD)
YUV	179.7860, 4.5425, -10.3363
Hunter-Lab	68.0293, -7.6046, -0.1731

Details

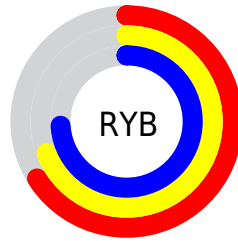
The XYZ color **42.4742, 46.2799, 54.8384** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.9979, 43.5328, 43.1829**, and the grayscale version is **43.2494, 45.5018, 49.5514**.

A 20% lighter version of the original color is **78.0729, 84.6007, 98.6009**, and **19.7627, 21.7232, 26.4439** is the 20% darker color. If you saturate the color by 10%, you get **37.8202, 42.5169, 54.3581**, and if you desaturate by 10%, it is **47.7455, 50.4077, 55.3580**.

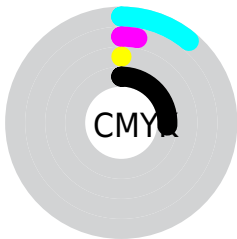
Distribution



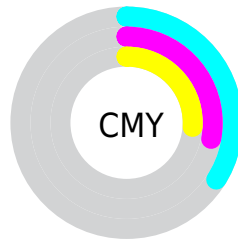
- Red (66%)
- Green (72%)
- Blue (74%)



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



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (26%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.4742, 46.2799, 54.8384 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 42.4742, 46.2799, 54.8384 by changing the saturation by 10% instead.

■ 42.4742, 46.2799,
54.8384

■ 42.4742, 46.2799,
54.8384

347.4032,
371.9328, 422.5637

■ 29.6655, 32.4668,
38.8746

■ 78.1775, 84.6377,
98.7729

■ 19.7316, 21.7183,
26.3551

■ 101.8028,
109.9512, 127.5808

■ 12.3073, 13.6500,
16.8614

129.7643,
139.8669, 161.5070

■ 7.0270, 7.8777,
9.9748

162.4275,
174.7693, 200.9702

■ 3.5255, 4.0168,
5.2769

200.1576,
215.0426, 246.3890

■ 1.4373, 1.6829,
2.3490

243.3200,

■ 0.2826, 0.4126,

261.0714, 298.1818

0.7585

292.2801,
313.2400, 356.7672

■ 0.0000, 0.0000,
0.0000

■ 42.4742, 46.2799,
54.8384

■ 42.4742, 46.2799,
54.8384

■ 37.8202, 42.5169,
54.3581

■ 47.7455, 50.4077,
55.3580

■ 33.7540, 39.0994,
53.9127

■ 53.6538, 54.9072,
55.9151

■ 30.2497, 36.0148,
53.5021

■ 60.2231, 59.7923,
56.5118

■ 27.2780, 33.2476,
53.1246

■ 67.4749, 65.0745,
57.1492

■ 24.8065, 30.7808,
52.7787

■ 72.6154, 69.3140,
57.6965

■ 22.7993, 28.5954,
52.4627

■ 73.7171, 71.5175,
58.0638

■ 21.2156, 26.6699,
52.1745

■ 74.8501, 73.7835,
58.4414

■ 20.0067, 24.9787,
51.9118

■ 76.0146, 76.1125,
58.8296

■ 19.1626, 23.6285,
51.6956

■ 77.2109, 78.5050,
59.2284

Harmonies

Analogous

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



41.9396, 46.2799, 51.9579



42.4742, 46.2799, 54.8384



43.4188, 46.2799, 56.5632

Triad

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



42.4742, 46.2799, 54.8384



46.0931, 46.2799, 52.0450



43.4483, 46.2799, 44.6638

Complementary

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



42.4742, 46.2799, 54.8384



42.9979, 43.5328, 43.1829

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.



44.5615, 46.2799, 44.6849



42.4742, 46.2799, 54.8384



46.1013, 46.2799, 48.8558

Square

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



42.4742, 46.2799, 54.8384



45.5143, 46.2799, 54.9045



45.5366, 46.2799, 46.1907



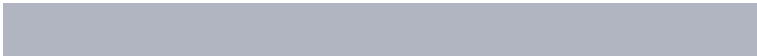
42.4955, 46.2799, 46.1318

Rectangle

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



42.4742, 46.2799, 54.8384



44.1599, 46.2799, 56.7813



45.5366, 46.2799, 46.1907



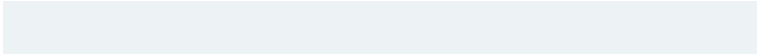
43.8159, 46.2799, 44.4990

Sweetspot

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



42.4755, 46.2818, 54.8394



83.5947, 88.7960, 98.9596



41.8799, 47.7340, 46.4915



17.8077, 18.9639, 21.2644



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.



42.4755, 46.2818, 54.8394



74.2345, 81.4228, 98.0298



40.3934, 42.1175, 54.1454



9.6110, 10.4142, 12.1758



12.9542, 16.0202, 34.8024



0.5548, 0.7223, 1.3790

Inverse Universe

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



43.6416, 42.2856, 51.2114



76.6939, 73.0807, 90.3585



45.0710, 47.6790, 43.8740



9.8302, 9.6564, 11.4950



17.5395, 8.6469, 18.6663



0.7110, 0.3483, 0.8572

Previews

White Background



This preview shows how the XYZ color 42.4742, 46.2799, 54.8384 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 42.4742, 46.2799, 54.8384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

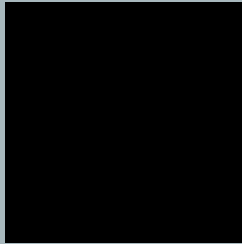
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

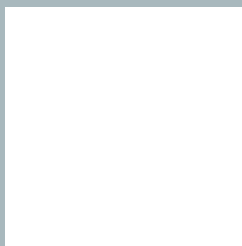
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.4742, 46.2799, 54.8384

Background



This preview shows how black text looks on a background with the XYZ color 42.4742, 46.2799, 54.8384.



This preview shows how white text looks on a background with the XYZ color 42.4742, 46.2799,

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

42.4742, 46.2799, 54.8384

Protanopia

44.5823, 46.1755, 53.5767

Deuteranopia

47.1774, 46.2816, 55.7369



Tritanopia

43.3737, 46.3332, 59.4805

Trichromacy



Original Color

42.4742, 46.2799, 54.8384

Protanomaly

43.7324, 46.0257, 54.1559

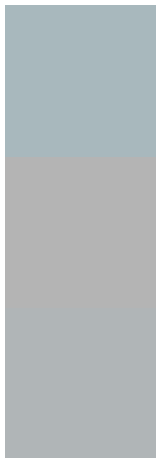
Deuteranomaly

45.4219, 46.2722, 55.2526

Tritanomaly

43.0333, 46.1970, 57.6878

Monochromacy



Original Color

42.4742, 46.2799, 54.8384

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 42.4742, 46.2799, 54.8384 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(168, 184, 189) looks like.

```
.text, #text, p{  
    color:rgb(168, 184, 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(168, 184, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 184, 189) }
```

Border

The CSS property to change the border of an element to XYZ 42.4742, 46.2799, 54.8384 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(168, 184, 189) }
```


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

```
.border{ border-color:rgb(168, 184, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 184, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 184, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 184, 189);  
box-shadow:4px 4px 4px 4px rgb(168, 184,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4742, 46.2799, 54.8384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 184, 189) }
```

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

```
.background{ background-color: rgb(168,  
184, 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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