

Converting Colors

XYZ(41.7359, 46.2213, 54.2988)

Have a look what the booklet for
XYZ(41.7359, 46.2213, 54.2988)
contains.

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Color

**XYZ(41.7359, 46.2213,
54.2988)**

Conversions

Conversions Part 1

Format	Color
Hex	A4B9BC
RGB	164, 185, 188
RGB Percent	64%, 73%, 74%
CMY	0.3569, 0.2745, 0.2627
CMYK	0.13, 0.02, 0.00, 0.26
HSL	187°, 15%, 69%
HSV	187°, 13%, 74%
XYZ	41.7359, 46.2213, 54.2988
YIQ	179.0630, -13.4790, -3.5190

Conversions

Conversions Part 2

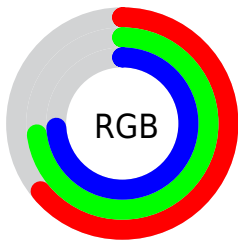
Format	Color
RYB	164, 175, 188
Decimal	10795452
CIELab	73.69, -6.55, -3.97
CIELCh	74, 7.658, 211.182
Yxy	46.2213, 0.2934, 0.3249
Android (android.graphics.Color)	4288985532 (0xFFA4B9BC)
YUV	179.0630, 4.4059, -13.2103
Hunter-Lab	67.9862, -9.3970, 0.2370

Details

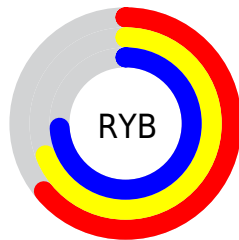
The XYZ color **41.7359, 46.2213, 54.2988** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.2588, 41.0089, 40.8637**, and the grayscale version is **42.8648, 45.0971, 49.1108**.

A 20% lighter version of the original color is **76.9978, 84.5023, 97.8403**, and **19.3065, 21.6965, 26.0920** is the 20% darker color. If you saturate the color by 10%, you get **37.6525, 43.3943, 53.9691**, and if you desaturate by 10%, it is **46.4036, 49.3640, 54.6601**.

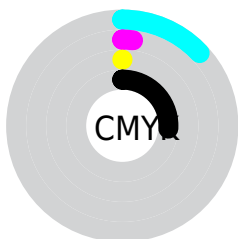
Distribution



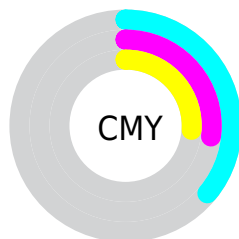
- Red (64%)
- Green (73%)
- Blue (74%)



- 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 41.7359, 46.2213, 54.2988 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 41.7359, 46.2213, 54.2988 by changing the saturation by 10% instead.

■ 41.7359, 46.2213,
54.2988

■ 41.7359, 46.2213,
54.2988

344.3973,
371.6976, 420.4552

■ 29.0848, 32.4205,
38.4458

■ 77.0674, 84.5501,
97.9736

■ 19.2896, 21.6829,
26.0244

■ 100.4785,
109.8469, 126.6326

■ 11.9849, 13.6241,
16.6159

128.2070,
139.7444, 160.3972

■ 6.8055, 7.8597,
9.8020

160.6182,
174.6271, 199.6861

■ 3.3860, 4.0053,
5.1640

198.0775,
214.8794, 244.9178

■ 1.3610, 1.6765,
2.2834

240.9502,

■ 0.2282, 0.4084,

260.8857, 296.5109

0.7219

289.6016,
313.0303, 354.8838

■ 0.0000, 0.0000,
0.0000

■ 41.7359, 46.2213,
54.2988

■ 41.7359, 46.2213,
54.2988

■ 37.6525, 43.3943,
53.9691

■ 46.4036, 49.3640,
54.6601

■ 34.1243, 40.8643,
53.6667

■ 51.6752, 52.8289,
55.0511

■ 31.1258, 38.6193,
53.3914

■ 57.5743, 56.6295,
55.4737

■ 28.6275, 36.6440,
53.1418

■ 64.1220, 60.7766,
55.9291

■ 26.5976, 34.9220,
52.9164

■ 70.2252, 64.7068,
56.3660

■ 24.9999, 33.4345,
52.7135

■ 70.7616, 65.7796,
56.5448

■ 23.7934, 32.1605,
52.5312

■ 71.3063, 66.8690,
56.7264

■ 22.9288, 31.0742,
52.3671

■ 71.8594, 67.9752,
56.9108

■ 22.4465, 30.3695,
52.2565

■ 72.4209, 69.0982,
57.0979

Harmonies

Analogous

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



41.3730, 46.2213, 50.4816



41.7359, 46.2213, 54.2988



42.6854, 46.2213, 57.1670

Triad

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



41.7359, 46.2213, 54.2988



46.2595, 46.2213, 54.0182



43.8781, 46.2213, 43.2153

Complementary

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



41.7359, 46.2213, 54.2988



41.2588, 41.0089, 40.8637

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.



45.2025, 46.2213, 44.0559



41.7359, 46.2213, 54.2988



46.5944, 46.2213, 50.1730

Square

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



41.7359, 46.2213, 54.2988



45.2977, 46.2213, 56.9992



46.2037, 46.2213, 46.5540



42.5939, 46.2213, 44.1972

Rectangle

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



41.7359, 46.2213, 54.2988



43.5329, 46.2213, 58.0837



46.2037, 46.2213, 46.5540



44.3334, 46.2213, 43.2938

Sweetspot

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



41.7372, 46.2232, 54.2998



82.9381, 88.6911, 98.9740



40.2504, 46.6423, 43.3446



17.6923, 18.9771, 21.2730



90.7827, 95.5105, 104.0109



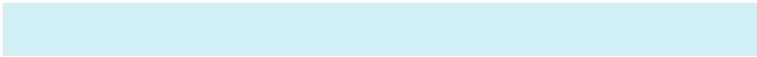
18.6292, 19.5994, 21.3438

Same Dimension

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



41.7372, 46.2232, 54.2998



73.7091, 82.4483, 98.2554



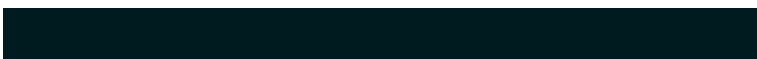
39.3697, 41.4881, 53.5106



9.7042, 10.6007, 12.2069



15.3198, 20.7514, 35.5909



0.6290, 0.8706, 1.4037

Inverse Universe

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



42.7725, 40.7460, 51.5116



75.9219, 70.8313, 92.2754



43.5206, 45.5326, 41.6176



9.8773, 9.6752, 11.7428



18.7335, 9.1246, 24.9540



0.7484, 0.3632, 1.0542

Previews

White Background



This preview shows how the XYZ color 41.7359, 46.2213, 54.2988 looks on a white background.

Color Contrast Check

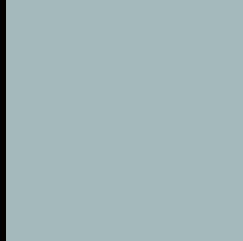
Large Text (above 18pt) WCAG AA × Fail

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 41.7359, 46.2213, 54.2988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

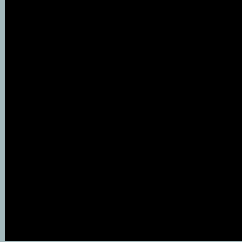
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

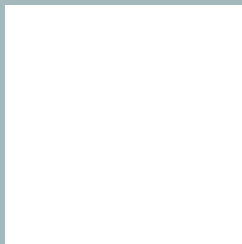
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.7359, 46.2213, 54.2988

Background



This preview shows how black text looks on a background with the XYZ color 41.7359, 46.2213, 54.2988.

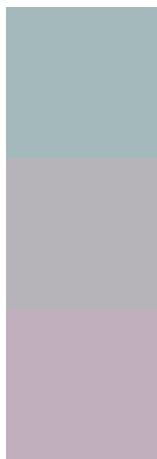


This preview shows how white text looks on a background with the XYZ color 41.7359, 46.2213,

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

41.7359, 46.2213, 54.2988

Protanopia

44.6067, 46.2126, 52.4678

Deuteranopia

46.8724, 45.8470, 55.0941



Tritanopia

42.8524, 46.0512, 60.0563

Trichromacy



Original Color

41.7359, 46.2213, 54.2988

Protanomaly

43.4954, 46.2312, 53.0854

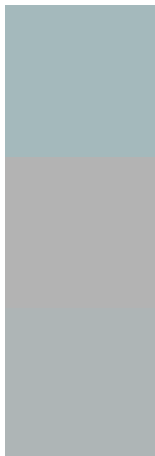
Deuteranomaly

44.8338, 45.9816, 54.6565

Tritanomaly

42.3951, 46.1754, 57.7172

Monochromacy



Original Color

41.7359, 46.2213, 54.2988

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.4229, 45.4238, 50.7877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7359, 46.2213, 54.2988 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, 185, 188)` looks like.

```
.text, #text, p{  
    color:rgb(164, 185, 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(164, 185, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 185, 188) }
```

Border

The CSS property to change the border of an element to XYZ 41.7359, 46.2213, 54.2988 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, 185, 188) }
```


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

```
.border{ border-color:rgb(164, 185, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 185, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 185, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 185, 188);  
box-shadow:4px 4px 4px 4px rgb(164, 185,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7359, 46.2213, 54.2988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 185, 188) }
```

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

```
.background{ background-color: rgb(164,  
185, 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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