

Converting Colors

XYZ(41.2895, 46.5741, 60.2400)

Have a look what the booklet for
XYZ(41.2895, 46.5741, 60.2400)
contains.

XYZ(41.2898, 46.4879, 60.2229)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.2898, 46.4879,
60.2229)**

Conversions

Conversions Part 1

Format	Color
Hex	9ABBC6
RGB	154, 187, 198
RGB Percent	60%, 73%, 78%
CMY	0.3961, 0.2667, 0.2235
CMYK	0.22, 0.06, 0.00, 0.22
HSL	195°, 28%, 69%
HSV	195°, 22%, 78%
XYZ	41.2898, 46.4879, 60.2229
YIQ	178.3870, -23.1990, -3.5750

Conversions

Conversions Part 2

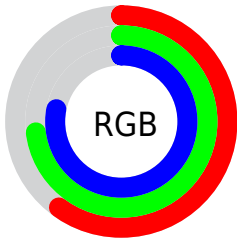
Format	Color
RYB	154, 173, 198
Decimal	10140614
CIELab	73.86, -8.65, -9.24
CIElCh	74, 12.658, 226.875
Yxy	46.4879, 0.2790, 0.3141
Android (android.graphics.Color)	4288330694 (0xFF9ABBC6)
YUV	178.3870, 9.6692, -21.3874
Hunter-Lab	68.1820, -11.2222, -4.6414

Details

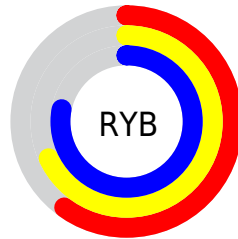
The XYZ color **41.2898, 46.4879, 60.2229** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.5770, 41.2493, 36.2907**, and the grayscale version is **42.4821, 44.6945, 48.6723**.

A 20% lighter version of the original color is **76.3951, 84.8765, 106.9641**, and **19.0386, 21.8886, 29.6070** is the 20% darker color. If you saturate the color by 10%, you get **36.7961, 42.6406, 59.7179**, and if you desaturate by 10%, it is **46.4440, 50.7318, 60.7712**.

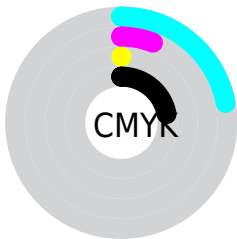
Distribution



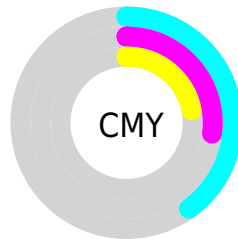
- Red (60%)
- Green (73%)
- Blue (78%)



- Red (60%)
- Yellow (68%)
- Blue (78%)



- Cyan (22%)
- Magenta (6%)
- Yellow (0%)
- Black (22%)



- Cyan (40%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2898, 46.4879, 60.2229 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 41.2898, 46.4879, 60.2229 by changing the saturation by 10% instead.

■ 41.2898, 46.4879,
60.2229

■ 41.2898, 46.4879,
60.2229

342.5723,
372.7667, 443.2463

■ 28.7343, 32.6310,
43.1719

■ 76.3956, 84.9487,
106.6995

■ 19.0232, 21.8439,
29.6876

■ 99.6765, 110.3214,
136.9621

■ 11.7911, 13.7423,
19.3515

127.2633,
140.3015, 172.4656

■ 6.6728, 7.9416,
11.7452

159.5213,
175.2734, 213.6287

■ 3.3028, 4.0576,
6.4500

196.8158,
215.6215, 260.8697

■ 1.3159, 1.7058,
3.0474

239.5122,

■ 0.1950, 0.4274,

261.7301, 314.6073

1.1189

287.9760,
313.9837, 375.2600

■ 0.0000, 0.0000,
0.0000

■ 41.2898, 46.4879,
60.2229

■ 41.2898, 46.4879,
60.2229

■ 36.7961, 42.6406,
59.7179

■ 46.4440, 50.7318,
60.7712

■ 32.9281, 39.1678,
59.2515

■ 52.2834, 55.3820,
61.3610

■ 29.6537, 36.0537,
58.8230

■ 58.8362, 60.4547,
61.9947

■ 26.9362, 33.2788,
58.4306

■ 66.1280, 65.9637,
62.6738

■ 24.7348, 30.8215,
58.0723

■ 74.1830, 71.9219,
63.3993

■ 23.0027, 28.6571,
57.7458

■ 76.1682, 74.8073,
63.8516

■ 21.6837, 26.7561,
57.4484

■ 77.4607, 77.3923,
64.2824

■ 20.8635, 25.4179,
57.2333

■ 78.7918, 80.0545,
64.7261

■ 80.1618, 82.7944,
65.1827

Harmonies

Analogous

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



40.1683, 46.4879, 54.3049



41.2898, 46.4879, 60.2229



43.2090, 46.4879, 63.6863

Triad

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



41.2898, 46.4879, 60.2229



48.5397, 46.4879, 53.4871



42.9398, 46.4879, 39.6495

Complementary

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



41.2898, 46.4879, 60.2229



42.5770, 41.2493, 36.2907

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.



45.1763, 46.4879, 39.4712



41.2898, 46.4879, 60.2229



48.4617, 46.4879, 47.1008

Square

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



41.2898, 46.4879, 60.2229



47.4230, 46.4879, 59.5806



47.2132, 46.4879, 42.0918



41.0985, 46.4879, 42.6015

Rectangle

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



41.2898, 46.4879, 60.2229



44.7059, 46.4879, 63.9604



47.2132, 46.4879, 42.0918



43.6688, 46.4879, 39.2725

Sweetspot

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



41.2912, 46.4898, 60.2240



87.3783, 93.9567, 108.1379



40.2464, 49.9490, 42.7692



18.5673, 20.0028, 23.1323



0.0000, 0.0000, 0.0000



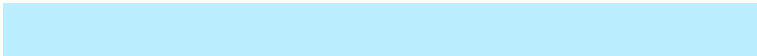
20.3446, 21.4041, 23.3091

Same Dimension

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



41.2912, 46.4898, 60.2240



68.8499, 78.7054, 106.1706



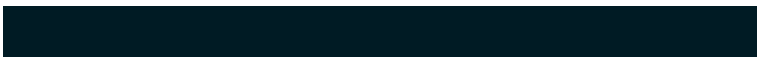
37.1082, 38.1238, 58.8296



10.7136, 11.6012, 13.5921



13.6386, 16.6712, 37.2434



0.7007, 0.8992, 1.7818

Inverse Universe

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



43.8151, 38.7059, 52.1775



74.2325, 62.6018, 88.8990



46.7374, 49.5700, 37.6775



10.9654, 10.7696, 12.8013



18.6835, 9.2230, 19.3409



0.9124, 0.4478, 1.0618

Previews

White Background



This preview shows how the XYZ color 41.2898, 46.4879, 60.2229 looks on a white background.

Color Contrast Check

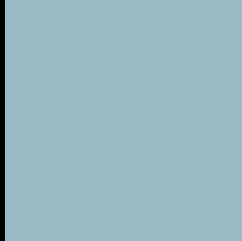
Large Text (above 18pt) WCAG AA × Fail

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 41.2898, 46.4879, 60.2229 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

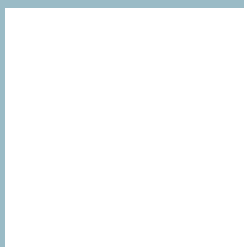
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.2898, 46.4879, 60.2229

Background



This preview shows how black text looks on a background with the XYZ color 41.2898, 46.4879, 60.2229.

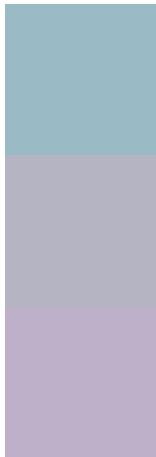


This preview shows how white text looks on a background with the XYZ color 41.2898, 46.4879,

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

41.2898, 46.4879, 60.2229

Protanopia

45.1149, 46.3613, 57.6098

Deuteranopia

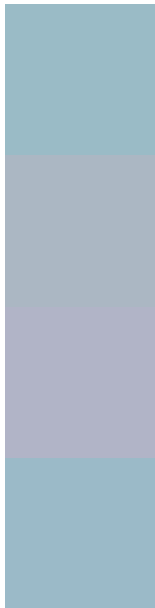
47.1859, 46.1679, 61.0679



Tritanopia

41.6191, 46.3034, 62.0022

Trichromacy



Original Color

41.2898, 46.4879, 60.2229

Protanomaly

43.5784, 46.4650, 58.3016

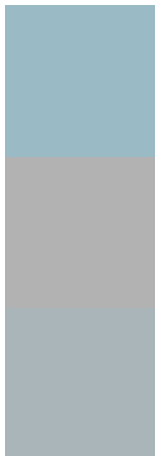
Deuteranomaly

44.7615, 46.1131, 60.5744

Tritanomaly

41.5018, 46.2565, 61.3846

Monochromacy



Original Color

41.2898, 46.4879, 60.2229

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.6430, 44.9855, 52.3872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2898, 46.4879, 60.2229 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(154, 187, 198)` looks like.

```
.text, #text, p{  
    color:rgb(154, 187, 198)  
}
```

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(154, 187, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 187, 198) }
```

Border

The CSS property to change the border of an element to XYZ 41.2898, 46.4879, 60.2229 is called "border". The border property can be set on classes, ids or directly on the HTML element.

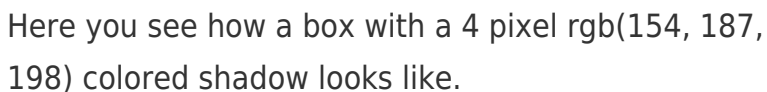
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(154, 187, 198) }
```


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

```
.border{ border-color:rgb(154, 187, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(154, 187, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 187, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 187, 198); box-shadow:4px 4px 4px 4px rgb(154, 187, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2898, 46.4879, 60.2229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 187, 198) }
```

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

```
.background{ background-color: rgb(154,  
187, 198) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor