

Converting Colors

XYZ(41.9671, 46.4543, 60.4824)

Have a look what the booklet for
XYZ(41.9671, 46.4543, 60.4824)
contains.

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Color

**XYZ(42.0500, 46.5660,
60.1979)**

Conversions

Conversions Part 1

Format	Color
Hex	9FBAC6
RGB	159, 186, 198
RGB Percent	62%, 73%, 78%
CMY	0.3765, 0.2706, 0.2235
CMYK	0.20, 0.06, 0.00, 0.22
HSL	198°, 25%, 70%
HSV	198°, 20%, 78%
XYZ	42.0500, 46.5660, 60.1979
YIQ	179.2950, -19.9440, -1.9920

Conversions

Conversions Part 2

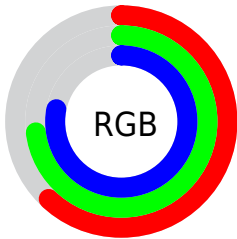
Format	Color
R_{YB}	159, 175, 198
Decimal	10468038
CIE _{Lab}	73.91, -6.56, -9.13
CIE _{LCh}	74, 11.241, 234.301
Yxy	46.5660, 0.2826, 0.3129
Android (android.graphics.Color)	4288658118 (0xFF9FBAC6)
YUV	179.2950, 9.2216, -17.7987
Hunter-Lab	68.2393, -9.4246, -4.5357

Details

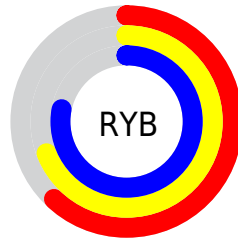
The XYZ color **42.0500, 46.5660, 60.1979** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.1099, 43.6346, 38.8992**, and the grayscale version is **42.9661, 45.2037, 49.2268**.

A 20% lighter version of the original color is **77.5337, 85.0204, 106.9319**, and **19.4850, 21.9145, 29.5885** is the 20% darker color. If you saturate the color by 10%, you get **37.1781, 42.1910, 59.6110**, and if you desaturate by 10%, it is **47.6084, 51.3784, 60.8346**.

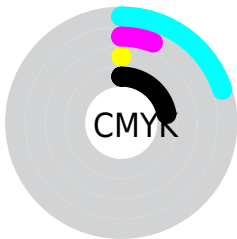
Distribution



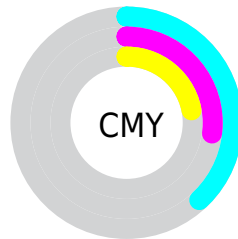
- Red (62%)
- Green (73%)
- Blue (78%)



- Red (62%)
- Yellow (69%)
- Blue (78%)



- Cyan (20%)
- Magenta (6%)
- Yellow (0%)
- Black (22%)



- Cyan (38%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0500, 46.5660, 60.1979 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 42.0500, 46.5660, 60.1979 by changing the saturation by 10% instead.

■ 42.0500, 46.5660,
60.1979

■ 42.0500, 46.5660,
60.1979

345.6783,
373.0795, 443.1517

■ 29.3317, 32.6927,
43.1518

■ 77.5400, 85.0654,
106.6629

■ 19.4775, 21.8911,
29.6720

■ 101.0424,
110.4604, 136.9189

■ 12.1218, 13.7769,
19.3398

128.8702,
140.4646, 172.4152

■ 6.8995, 7.9657,
11.7368

161.3889,
175.4626, 213.5705

■ 3.4451, 4.0730,
6.4444

198.9636,
215.8386, 260.8033

■ 1.3933, 1.7145,
3.0440

241.9599,

■ 0.2514, 0.4330,

261.9772, 314.5320

1.1171

290.7430,
314.2627, 375.1753

■ 0.0000, 0.0000,
0.0000

■ 42.0500, 46.5660,
60.1979

■ 42.0500, 46.5660,
60.1979

■ 37.1781, 42.1910,
59.6110

■ 47.6084, 51.3784,
60.8346

■ 32.9579, 38.2311,
59.0691

■ 53.8776, 56.6383,
61.5194

■ 29.3578, 34.6700,
58.5714

■ 60.8858, 62.3623,
62.2549

■ 26.3417, 31.4881,
58.1163

■ 68.6586, 68.5646,
63.0424

■ 23.8697, 28.6638,
57.7014

■ 76.1068, 74.6845,
63.8311

■ 21.8962, 26.1726,
57.3246

■ 77.7008, 77.8725,
64.3624

■ 20.3676, 23.9856,
56.9830

■ 79.3533, 81.1774,
64.9132

■ 19.1857, 22.0511,
56.6719

■ 81.0648, 84.6006,
65.4838

■ 19.1518, 21.9945,
56.6628

■ 82.8361, 88.1431,
66.0742

Harmonies

Analogous

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



40.8414, 46.5660, 55.3785



42.0500, 46.5660, 60.1979



43.8782, 46.5660, 62.4892

Triad

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



42.0500, 46.5660, 60.1979



48.2037, 46.5660, 51.8057



42.6934, 46.5660, 41.2993

Complementary

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



42.0500, 46.5660, 60.1979



44.1099, 43.6346, 38.8992

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.



44.6431, 46.5660, 40.4997



42.0500, 46.5660, 60.1979



47.8634, 46.5660, 46.2973

Square

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



42.0500, 46.5660, 60.1979



47.4616, 46.5660, 57.4151



46.5453, 46.5660, 42.2620



41.2050, 46.5660, 44.5346

Rectangle

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



42.0500, 46.5660, 60.1979



45.2178, 46.5660, 62.1595



46.5453, 46.5660, 42.2620



43.3150, 46.5660, 40.7475

Sweetspot

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



42.0514, 46.5679, 60.1990



88.1602, 94.2465, 108.1526



41.8151, 50.6887, 45.9592



18.7156, 20.0424, 23.1321



0.0000, 0.0000, 0.0000



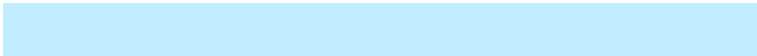
20.3446, 21.4041, 23.3091

Same Dimension

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



42.0514, 46.5679, 60.1990



70.2922, 78.7537, 106.1039



38.2740, 39.0132, 58.9398



10.6608, 11.4956, 13.5745



12.5335, 14.4608, 36.8750



0.6555, 0.8088, 1.7667

Inverse Universe

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



44.5508, 40.3482, 51.8965



75.6528, 65.8208, 88.2064



48.0043, 51.4234, 40.1973



10.9388, 10.7589, 12.6610



18.1256, 8.9998, 16.4033



0.8896, 0.4387, 0.9416

Previews

White Background



This preview shows how the XYZ color 42.0500, 46.5660, 60.1979 looks on a white background.

Color Contrast Check

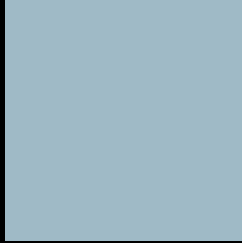
Large Text (above 18pt) WCAG AA × Fail

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 42.0500, 46.5660, 60.1979 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

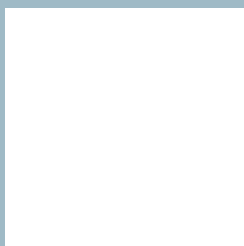
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.0500, 46.5660, 60.1979

Background



This preview shows how black text looks on a background with the XYZ color 42.0500, 46.5660, 60.1979.



This preview shows how white text looks on a background with the XYZ color 42.0500, 46.5660,

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

42.0500, 46.5660, 60.1979

Protanopia

45.1149, 46.3613, 57.6098

Deuteranopia

47.1859, 46.1679, 61.0679



Tritanopia

42.2823, 46.6589, 61.4211

Trichromacy



Original Color

42.0500, 46.5660, 60.1979

Protanomaly

43.8119, 46.2803, 58.2536

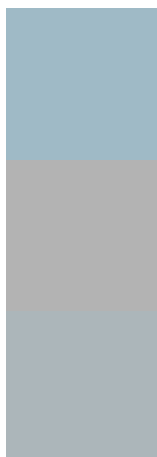
Deuteranomaly

45.2205, 46.3497, 60.5959

Tritanomaly

42.1658, 46.6123, 60.8075

Monochromacy



Original Color

42.0500, 46.5660, 60.1979

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.6041, 45.7717, 53.0437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0500, 46.5660, 60.1979 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(159, 186, 198)` looks like.

```
.text, #text, p{  
    color:rgb(159, 186, 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(159, 186, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 186, 198) }
```

Border

The CSS property to change the border of an element to XYZ 42.0500, 46.5660, 60.1979 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(159, 186, 198) }
```


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

```
.border{ border-color:rgb(159, 186, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 186, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 186, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 186, 198);  
box-shadow:4px 4px 4px 4px rgb(159, 186,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0500, 46.5660, 60.1979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 186, 198) }
```

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

```
.background{ background-color: rgb(159,  
186, 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](#).

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