

Converting Colors

XYZ(42.3846, 47.2715, 60.5183)

Have a look what the booklet for
XYZ(42.3846, 47.2715, 60.5183)
contains.

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Color

**XYZ(42.4743, 47.4146,
60.3394)**

Conversions

Conversions Part 1

Format	Color
Hex	9FBCC6
RGB	159, 188, 198
RGB Percent	62%, 74%, 78%
CMY	0.3765, 0.2627, 0.2235
CMYK	0.20, 0.05, 0.00, 0.22
HSL	195°, 25%, 70%
HSV	195°, 20%, 78%
XYZ	42.4743, 47.4146, 60.3394
YIQ	180.4690, -20.4940, -3.0380

Conversions

Conversions Part 2

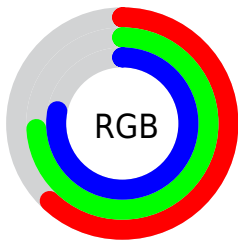
Format	Color
R_{YB}	159, 176, 198
Decimal	10468550
CIE _{Lab}	74.45, -7.62, -8.32
CIE _{LCh}	74, 11.285, 227.511
Yxy	47.4146, 0.2827, 0.3156
Android (android.graphics.Color)	4288658630 (0xFF9FBCC6)
YUV	180.4690, 8.6428, -18.8283
Hunter-Lab	68.8583, -10.3966, -3.7541

Details

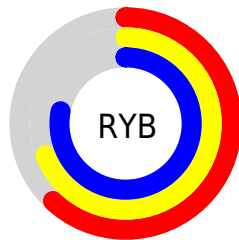
The XYZ color **42.4743, 47.4146, 60.3394** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.7350, 42.8848, 38.7742**, and the grayscale version is **43.5985, 45.8690, 49.9513**.

A 20% lighter version of the original color is **78.1322, 86.2175, 107.1314**, and **19.7614, 22.4674, 29.6807** is the 20% darker color. If you saturate the color by 10%, you get **37.7931, 43.4210, 59.8161**, and if you desaturate by 10%, it is **47.8254, 51.8126, 60.9070**.

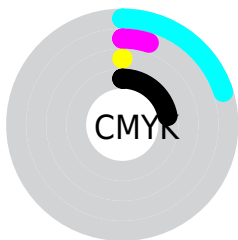
Distribution



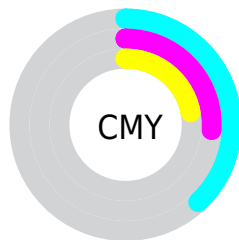
- Red (62%)
- Green (74%)
- Blue (78%)



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



- Cyan (20%)
- Magenta (5%)
- Yellow (0%)
- Black (22%)



- Cyan (38%)
- Magenta (26%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.4743, 47.4146, 60.3394 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 42.4743, 47.4146, 60.3394 by changing the saturation by 10% instead.

■ 42.4743, 47.4146,
60.3394

■ 42.4743, 47.4146,
60.3394

347.4036,
376.4670, 443.6870

■ 29.6656, 33.3635,
43.2652

■ 78.1776, 86.3322,
106.8700

■ 19.7317, 22.4051,
29.7603

■ 101.8030,
111.9674, 137.1635

■ 12.3073, 14.1548,
19.4062

129.7645,
142.2329, 172.7005

■ 7.0270, 8.2284,
11.7844

162.4277,
177.5130, 213.8996

■ 3.5255, 4.2415,
6.4763

200.1579,
218.1920, 261.1792

■ 1.4374, 1.8095,
3.0634

243.3203,

■ 0.2826, 0.4931,

264.6545, 314.9580

1.1271

292.2805,
317.2847, 375.6544

■ 0.0000, 0.0000,
0.0000

■ 42.4743, 47.4146,
60.3394

■ 42.4743, 47.4146,
60.3394

■ 37.7931, 43.4210,
59.8161

■ 47.8254, 51.8126,
60.9070

■ 33.7473, 39.8099,
59.3323

■ 53.8705, 56.6242,
61.5172

■ 30.3056, 36.5656,
58.8875

■ 60.6376, 61.8658,
62.1722

■ 27.4323, 33.6693,
58.4799

■ 68.1518, 67.5509,
62.8735

■ 25.0876, 31.0997,
58.1074

■ 75.3237, 73.1183,
63.5701

■ 23.2264, 28.8330,
57.7680

■ 76.6235, 75.7179,
64.0034

■ 21.7953, 26.8410,
57.4590

■ 77.9637, 78.3982,
64.4501

■ 20.6966, 25.0729,
57.1756

■ 79.3445, 81.1599,
64.9104

■ 20.6650, 25.0209,
57.1672

■ 80.7664, 84.0036,
65.3843

Harmonies

Analogous

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



41.4363, 47.4146, 55.0724



42.4743, 47.4146, 60.3394



44.2252, 47.4146, 63.3596

Triad

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



42.4743, 47.4146, 60.3394



48.9957, 47.4146, 54.0882



43.8990, 47.4146, 41.6592

Complementary

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



42.4743, 47.4146, 60.3394



43.7350, 42.8848, 38.7742

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.



45.9177, 47.4146, 41.4393



42.4743, 47.4146, 60.3394



48.9020, 47.4146, 48.3273

Square

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



42.4743, 47.4146, 60.3394



48.0138, 47.4146, 59.5724



47.7614, 47.4146, 43.7954



42.2417, 47.4146, 44.4205

Rectangle

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



42.4743, 47.4146, 60.3394



45.5796, 47.4146, 63.5536



47.7614, 47.4146, 43.7954



44.5566, 47.4146, 41.2935

Sweetspot

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



42.4757, 47.4165, 60.3405



88.4049, 94.7359, 108.2342



41.6309, 50.6151, 44.9895



18.7735, 20.1583, 23.1514



0.0000, 0.0000, 0.0000



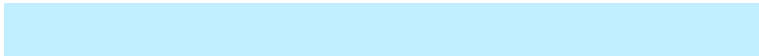
20.3446, 21.4041, 23.3091

Same Dimension

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



42.4757, 47.4165, 60.3405



71.2047, 80.5786, 106.4081



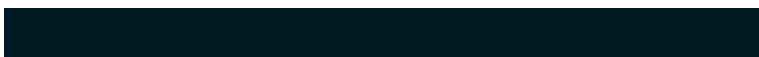
38.6334, 39.7320, 59.0597



10.7077, 11.5894, 13.5901



13.5106, 16.4151, 37.2007



0.6955, 0.8889, 1.7801

Inverse Universe

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



44.7650, 40.4338, 53.0244



76.1134, 66.0050, 90.6317



47.5842, 50.5832, 40.0573



10.9625, 10.7684, 12.7857



18.6188, 9.1971, 19.0005



0.9098, 0.4468, 1.0480

Previews

White Background



This preview shows how the XYZ color 42.4743, 47.4146, 60.3394 looks on a white background.

Color Contrast Check

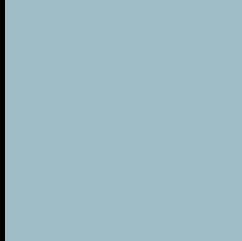
Large Text (above 18pt) WCAG AA × Fail

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 42.4743, 47.4146, 60.3394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

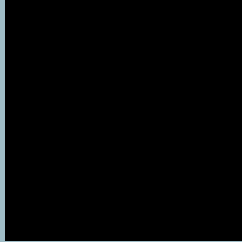
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.4743, 47.4146, 60.3394

Background



This preview shows how black text looks on a background with the XYZ color 42.4743, 47.4146, 60.3394.



This preview shows how white text looks on a background with the XYZ color 42.4743, 47.4146,

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

42.4743, 47.4146, 60.3394

Protanopia

45.9940, 47.4182, 57.7674

Deuteranopia

48.3380, 47.3484, 61.2350



Tritanopia

42.9282, 47.2785, 62.7402

Trichromacy



Original Color

42.4743, 47.4146, 60.3394

Protanomaly

44.4464, 47.2198, 58.4015

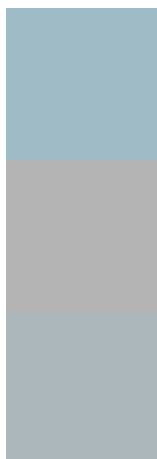
Deuteranomaly

46.0928, 47.4032, 60.7532

Tritanomaly

42.8101, 47.2313, 62.1186

Monochromacy



Original Color

42.4743, 47.4146, 60.3394

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.9164, 46.2255, 53.6742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4743, 47.4146, 60.3394 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, 188, 198)` looks like.

```
.text, #text, p{  
    color:rgb(159, 188, 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, 188, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 188, 198) }
```

Border

The CSS property to change the border of an element to XYZ 42.4743, 47.4146, 60.3394 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, 188, 198) }
```


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

```
.border{ border-color:rgb(159, 188, 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, 188, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 188, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 188, 198);  
box-shadow:4px 4px 4px 4px rgb(159, 188,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4743, 47.4146, 60.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 188, 198) }
```

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

```
.background{ background-color: rgb(159,  
188, 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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