

Converting Colors

XYZ(41.3379, 48.1694, 60.4770)

Have a look what the booklet for
XYZ(41.3379, 48.1694, 60.4770)
contains.

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Color

**XYZ(41.2554, 48.0724,
60.5306)**

Conversions

Conversions Part 1

Format	Color
Hex	94C0C6
RGB	148, 192, 198
RGB Percent	58%, 75%, 78%
CMY	0.4196, 0.2470, 0.2235
CMYK	0.25, 0.03, 0.00, 0.22
HSL	187°, 30%, 68%
HSV	187°, 25%, 78%
XYZ	41.2554, 48.0724, 60.5306
YIQ	179.5280, -28.1500, -7.4620

Conversions

Conversions Part 2

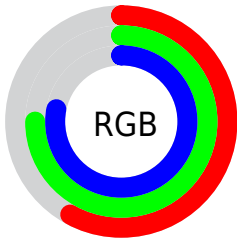
Format	Color
RYB	148, 171, 198
Decimal	9748678
CIELab	74.87, -13.11, -7.78
CIELCh	75, 15.243, 210.678
Yxy	48.0724, 0.2753, 0.3208
Android (android.graphics.Color)	4287938758 (0xFF94C0C6)
YUV	179.5280, 9.1067, -27.6501
Hunter-Lab	69.3343, -15.1236, -3.2277

Details

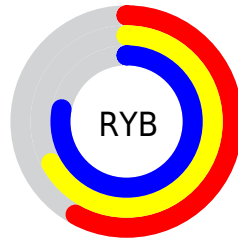
The XYZ color **41.2554, 48.0724, 60.5306** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.1901, 37.2552, 33.0906**, and the grayscale version is **43.0943, 45.3386, 49.3737**.

A 20% lighter version of the original color is **76.2460, 87.0513, 107.3917**, and **18.9464, 22.6774, 29.7641** is the 20% darker color. If you saturate the color by 10%, you get **37.4589, 45.3485, 60.2057**, and if you desaturate by 10%, it is **45.6758, 51.1329, 60.8891**.

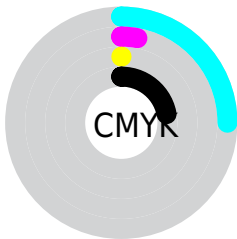
Distribution



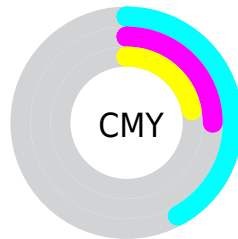
- Red (58%)
- Green (75%)
- Blue (78%)



- Red (58%)
- Yellow (67%)
- Blue (78%)



- Cyan (25%)
- Magenta (3%)
- Yellow (0%)
- Black (22%)



- Cyan (42%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2554, 48.0724, 60.5306 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 41.2554, 48.0724, 60.5306 by changing the saturation by 10% instead.

■ 41.2554, 48.0724,
60.5306

■ 41.2554, 48.0724,
60.5306

342.4313,
379.0790, 444.4096

■ 28.7073, 33.8842,
43.4184

■ 76.3437, 87.3122,
107.1499

■ 19.0026, 22.8047,
29.8797

■ 99.6146, 113.1326,
137.4940

■ 11.7762, 14.4493,
19.4960

127.1904,
143.5992, 173.0858

■ 6.6626, 8.4338,
11.8488

159.4365,
179.0964, 214.3439

■ 3.2964, 4.3738,
6.5195

196.7184,
220.0086, 261.6868

■ 1.3124, 1.8848,
3.0896

239.4012,

■ 0.1925, 0.5392,

266.7202, 315.5330

1.1406

287.8504,
319.6155, 376.3011

■ 0.0000, 0.0000,
0.0000

■ 41.2554, 48.0724,
60.5306

■ 41.2554, 48.0724,
60.5306

■ 37.4589, 45.3485,
60.2057

■ 45.6758, 51.1329,
60.8891

■ 34.2507, 42.9391,
59.9098

■ 50.7449, 54.5391,
61.2794

■ 31.5985, 40.8286,
59.6422

■ 56.4911, 58.3070,
61.7039

■ 29.4647, 38.9978,
59.4013

■ 62.9401, 62.4499,
62.1636

■ 27.8071, 37.4247,
59.1850

■ 70.1161, 66.9803,
62.6598

■ 26.5770, 36.0842,
58.9911

■ 73.5658, 69.6024,
62.9842

■ 25.7146, 34.9454,
58.8167

■ 74.1428, 70.7565,
63.1765

■ 25.3777, 34.4463,
58.7381

■ 74.7285, 71.9280,
63.3718

■ 75.3230, 73.1169,
63.5699

Harmonies

Analogous

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



40.5623, 48.0724, 52.5236



41.2554, 48.0724, 60.5306



43.1285, 48.0724, 66.8244

Triad

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



41.2554, 48.0724, 60.5306



50.5019, 48.0724, 60.1863



45.6283, 48.0724, 38.5044

Complementary

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



41.2554, 48.0724, 60.5306



40.1901, 37.2552, 33.0906

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.



48.3538, 48.0724, 40.1207



41.2554, 48.0724, 60.5306



51.2356, 48.0724, 52.1621

Square

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



41.2554, 48.0724, 60.5306



48.4674, 48.0724, 66.6119



50.4345, 48.0724, 44.9286



43.0234, 48.0724, 40.2723

Rectangle

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



41.2554, 48.0724, 60.5306



44.8327, 48.0724, 68.9118



50.4345, 48.0724, 44.9286



46.5609, 48.0724, 38.6682

Sweetspot

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



41.2568, 48.0743, 60.5317



87.1633, 94.7828, 108.3087



38.2266, 49.0125, 37.9456



18.3579, 20.0875, 23.1597



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.



41.2568, 48.0743, 60.5317



69.4272, 82.5486, 106.8820



36.2560, 38.0726, 58.8647



10.8339, 11.8420, 13.6322



16.5452, 22.4843, 38.2122



0.8148, 1.1275, 1.8198

Inverse Universe

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



43.3942, 36.9924, 54.7245



73.8676, 59.9431, 94.7239



44.7216, 46.3182, 34.6011



11.0262, 10.7939, 13.1213



20.1506, 9.8098, 27.0665



0.9700, 0.4708, 1.3651

Previews

White Background



This preview shows how the XYZ color 41.2554, 48.0724, 60.5306 looks on a white background.

Color Contrast Check

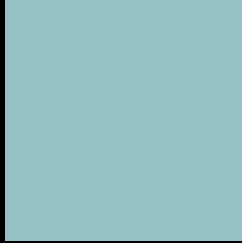
Large Text (above 18pt) WCAG AA × Fail

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 41.2554, 48.0724, 60.5306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

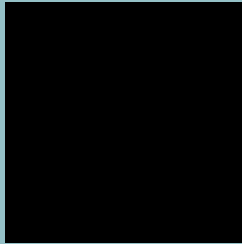
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2554, 48.0724, 60.5306

Background



This preview shows how black text looks on a background with the XYZ color 41.2554, 48.0724, 60.5306.



This preview shows how white text looks on a background with the XYZ color 41.2554, 48.0724,

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

41.2554, 48.0724, 60.5306

Protanopia

46.2151, 47.8631, 56.6719

Deuteranopia

48.9108, 47.9266, 61.9312



Tritanopia

42.3491, 48.2019, 65.4644

Trichromacy



Original Color

41.2554, 48.0724, 60.5306

Protanomaly

44.0911, 47.6708, 57.9165

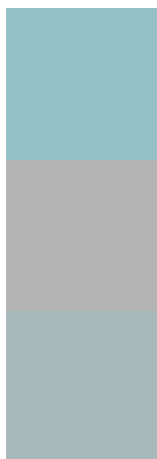
Deuteranomaly

45.6973, 47.7982, 61.4611

Tritanomaly

41.8047, 47.9630, 63.5543

Monochromacy



Original Color

41.2554, 48.0724, 60.5306

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.2586, 46.1937, 53.7027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2554, 48.0724, 60.5306 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(148, 192, 198)` looks like.

```
.text, #text, p{  
    color:rgb(148, 192, 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(148, 192, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 192, 198) }
```

Border

The CSS property to change the border of an element to XYZ 41.2554, 48.0724, 60.5306 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(148, 192, 198) }
```


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

```
.border{ border-color:rgb(148, 192, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 192, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 192, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 192, 198);  
box-shadow:4px 4px 4px 4px rgb(148, 192,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2554, 48.0724, 60.5306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 192, 198) }
```

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

```
.background{ background-color: rgb(148,  
192, 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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