

Converting Colors

XYZ(41.6140, 48.7864, 51.4794)

Have a look what the booklet for
XYZ(41.6140, 48.7864, 51.4794)
contains.

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Color

**XYZ(41.6140, 48.7864,
51.4794)**

Conversions

Conversions Part 1

Format	Color
Hex	9EC1B6
RGB	158, 193, 182
RGB Percent	62%, 76%, 71%
CMY	0.3804, 0.2431, 0.2863
CMYK	0.18, 0.00, 0.06, 0.24
HSL	161°, 22%, 69%
HSV	161°, 18%, 76%
XYZ	41.6140, 48.7864, 51.4794
YIQ	181.2810, -17.3290, -10.8410

Conversions

Conversions Part 2

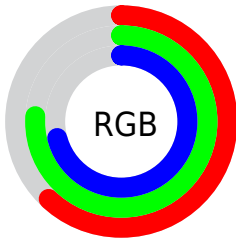
Format	Color
RYB	158, 179, 193
Decimal	10404278
CIELab	75.32, -13.95, 1.64
CIElCh	75, 14.041, 173.301
Yxy	48.7864, 0.2933, 0.3439
Android (android.graphics.Color)	4288594358 (0xFF9EC1B6)
YUV	181.2810, 0.3545, -20.4174
Hunter-Lab	69.8473, -15.8850, 5.1947

Details

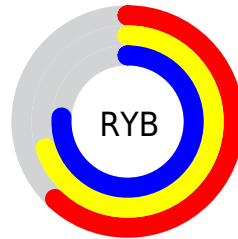
The XYZ color **41.6140, 48.7864, 51.4794** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.3823, 38.6570, 42.8187**, and the grayscale version is **44.0790, 46.3745, 50.5018**.

A 20% lighter version of the original color is **77.0588, 88.6904, 93.9464**, and **19.1389, 23.1144, 24.2217** is the 20% darker color. If you saturate the color by 10%, you get **37.4985, 46.7370, 48.0851**, and if you desaturate by 10%, it is **46.3557, 51.1581, 55.0469**.

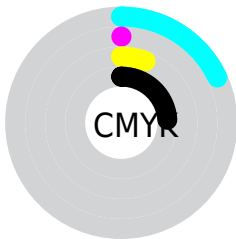
Distribution



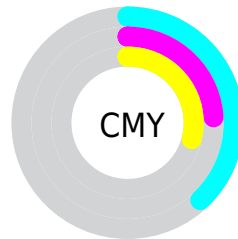
- Red (62%)
- Green (76%)
- Blue (71%)



- Red (62%)
- Yellow (70%)
- Blue (76%)



- Cyan (18%)
- Magenta (0%)
- Yellow (6%)
- Black (24%)



- Cyan (38%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6140, 48.7864, 51.4794 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 41.6140, 48.7864, 51.4794 by changing the saturation by 10% instead.

■ 41.6140, 48.7864,
51.4794

■ 41.6140, 48.7864,
51.4794

343.8992,
381.9008, 409.3231

■ 28.9889, 34.4501,
36.2109

■ 76.8839, 88.3741,
93.7818

■ 19.2167, 23.2396,
24.3061

■ 100.2595,
114.3943, 121.6527

■ 11.9319, 14.7705,
15.3466

127.9493,
145.0779, 154.5615

■ 6.7692, 8.6585,
8.9137

160.3187,
180.8093, 192.9268

■ 3.3632, 4.5191,
4.5889

197.7331,
221.9729, 237.1671

■ 1.3486, 1.9680,
1.9536

240.5577,

■ 0.2192, 0.5888,

268.9531, 287.7008

0.5265

289.1580,
322.1343, 344.9467

■ 0.0000, 0.0000,
0.0000

■ 41.6140, 48.7864,
51.4794

■ 41.6140, 48.7864,
51.4794

■ 37.4985, 46.7370,
48.0851

■ 46.3557, 51.1581,
55.0469

■ 33.9769, 44.9893,
44.8577

■ 51.7456, 53.8595,
58.7872

■ 31.0204, 43.5299,
41.7949

■ 57.8100, 56.9054,
62.7044

■ 28.5958, 42.3417,
38.8934

■ 64.5722, 60.3078,
66.8012

■ 26.6665, 41.4058,
36.1497

■ 72.0546, 64.0781,
71.0803

■ 25.1911, 40.7011,
33.5598

■ 73.0185, 64.4848,
75.2045

■ 24.1212, 40.2024,
31.1195

■ 73.8292, 64.8090,
79.4734

■ 23.3818, 39.8713,
28.8233

■ 74.6692, 65.1451,
83.8971

■ 23.2587, 39.8168,
28.4099

■ 75.5390, 65.4930,
88.4772

Harmonies

Analogous

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



42.5039, 48.7864, 45.0714



41.6140, 48.7864, 51.4794



41.9600, 48.7864, 58.9425

Triad

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



41.6140, 48.7864, 51.4794



48.3608, 48.7864, 67.2713



49.3993, 48.7864, 42.5204

Complementary

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



41.6140, 48.7864, 51.4794



41.3823, 38.6570, 42.8187

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.



51.0787, 48.7864, 47.6943



41.6140, 48.7864, 51.4794



50.4637, 48.7864, 62.0741

Square

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



41.6140, 48.7864, 51.4794



45.7935, 48.7864, 68.5223



51.4752, 48.7864, 54.7953



46.9513, 48.7864, 40.2184

Rectangle

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



41.6140, 48.7864, 51.4794



42.8515, 48.7864, 63.4755



51.4752, 48.7864, 54.7953



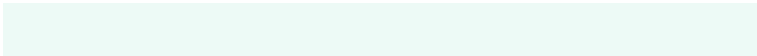
50.0761, 48.7864, 43.9570

Sweetspot

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



41.6154, 48.7884, 51.4805



85.8453, 93.0355, 100.5996



41.6231, 49.0549, 39.6233



18.2742, 19.8878, 21.4813



92.9021, 97.7402, 106.4391



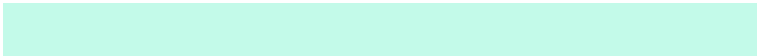
19.4759, 20.4902, 22.3138

Same Dimension

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



41.6154, 48.7884, 51.4805



71.2936, 85.7622, 89.6014



41.4098, 46.4853, 57.2445



10.2294, 11.3728, 12.2114



15.5065, 26.4967, 19.0922



0.7000, 1.1568, 0.9829

Inverse Universe

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



41.3823, 38.6570, 42.8187



70.7955, 64.0645, 71.0565



41.5156, 40.5077, 37.9792



10.2007, 10.1289, 11.1475



15.2140, 7.7754, 3.7732



0.6891, 0.3487, 0.3303

Previews

White Background



This preview shows how the XYZ color 41.6140, 48.7864, 51.4794 looks on a white background.

Color Contrast Check

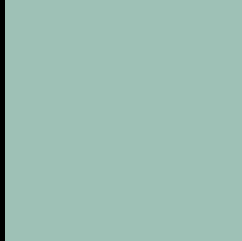
Large Text (above 18pt) WCAG AA × Fail

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 41.6140, 48.7864, 51.4794 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

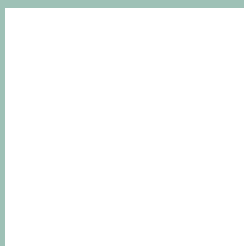
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.6140, 48.7864, 51.4794

Background



This preview shows how black text looks on a background with the XYZ color 41.6140, 48.7864, 51.4794.



This preview shows how white text looks on a background with the XYZ color 41.6140, 48.7864,

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

41.6140, 48.7864, 51.4794

Protanopia

46.3115, 48.4025, 48.4967

Deuteranopia

49.5057, 48.4395, 52.6395



Tritanopia

44.3332, 48.9161, 64.8627

Trichromacy



Original Color

41.6140, 48.7864, 51.4794

Protanomaly

44.2671, 48.2603, 49.6299

Deuteranomaly

46.2857, 48.3065, 52.2320

Tritanomaly

43.4068, 48.8699, 59.9684

Monochromacy



Original Color

41.6140, 48.7864, 51.4794

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

42.9230, 46.9184, 50.5099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6140, 48.7864, 51.4794 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(158, 193, 182)` looks like.

```
.text, #text, p{  
    color:rgb(158, 193, 182)  
}
```

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(158, 193, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 193, 182) }
```

Border

The CSS property to change the border of an element to XYZ 41.6140, 48.7864, 51.4794 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(158, 193, 182) }
```


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

```
.border{ border-color:rgb(158, 193, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 193, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 193, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 193, 182);  
box-shadow:4px 4px 4px 4px rgb(158, 193,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6140, 48.7864, 51.4794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 193, 182) }
```

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

```
.background{ background-color: rgb(158,  
193, 182) }
```

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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