

Converting Colors

XYZ(41.8520, 48.2968, 52.1848)

Have a look what the booklet for
XYZ(41.8520, 48.2968, 52.1848)
contains.

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Color

**XYZ(41.6752, 48.1541,
51.8979)**

Conversions

Conversions Part 1

Format	Color
Hex	A0BFB7
RGB	160, 191, 183
RGB Percent	63%, 75%, 72%
CMY	0.3725, 0.2510, 0.2823
CMYK	0.16, 0.00, 0.04, 0.25
HSL	165°, 19%, 69%
HSV	165°, 16%, 75%
XYZ	41.6752, 48.1541, 51.8979
YIQ	180.8190, -15.9080, -9.0600

Conversions

Conversions Part 2

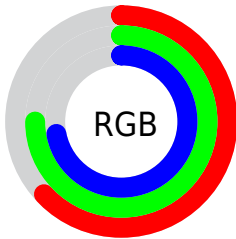
Format	Color
RYB	160, 178, 191
Decimal	10534839
CIELab	74.92, -12.05, 0.53
CIELCh	75, 12.063, 177.464
Yxy	48.1541, 0.2941, 0.3398
Android (android.graphics.Color)	4288724919 (0xFFA0BFB7)
YUV	180.8190, 1.0752, -18.2583
Hunter-Lab	69.3932, -14.2369, 4.2333

Details

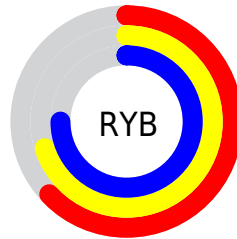
The XYZ color **41.6752, 48.1541, 51.8979** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.1262, 39.0463, 42.4169**, and the grayscale version is **43.8248, 46.1071, 50.2107**.

A 20% lighter version of the original color is **76.8651, 87.2006, 94.4415**, and **19.3021, 22.9768, 24.5367** is the 20% darker color. If you saturate the color by 10%, you get **37.6424, 46.1347, 49.0778**, and if you desaturate by 10%, it is **46.3154, 50.4872, 54.8423**.

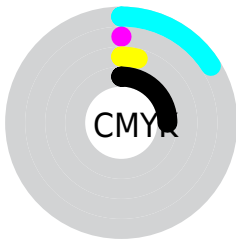
Distribution



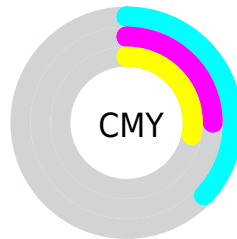
- Red (63%)
- Green (75%)
- Blue (72%)



- Red (63%)
- Yellow (70%)
- Blue (75%)



- Cyan (16%)
- Magenta (0%)
- Yellow (4%)
- Black (25%)





- Cyan (37%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6752, 48.1541, 51.8979 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 41.6752, 48.1541, 51.8979 by changing the saturation by 10% instead.


 41.6752, 48.1541,
51.8979


 41.6752, 48.1541,
51.8979


344.1493,
379.4026, 410.9880

 29.0370, 33.9489,
36.5420

 76.9761, 87.4338,
94.4057

 19.2533, 22.8544,
24.5601

 100.3695,
113.2771, 122.3947

 11.9585, 14.4860,
15.5336


128.0787,
143.7686, 155.4318

 6.7874, 8.4595,
9.0440

160.4691,
179.2927, 193.9356

 3.3747, 4.3903,
4.6727

197.9060,
220.2337, 238.3245

 1.3549, 1.8942,
2.0012

240.7548,

 0.2237, 0.5449,

266.9761, 289.0172

0.5560

289.3808,
319.9043, 346.4322

■ 0.0000, 0.0000,
0.0000

■ 41.6752, 48.1541,
51.8979

■ 41.6752, 48.1541,
51.8979

■ 37.6424, 46.1347,
49.0778

■ 46.3154, 50.4872,
54.8423

■ 34.1860, 44.4090,
46.3765

■ 51.5840, 53.1408,
57.9100

■ 31.2784, 42.9643,
43.7929

■ 57.5061, 56.1292,
61.1039

■ 28.8881, 41.7842,
41.3245

■ 64.1042, 59.4640,
64.4260

■ 26.9804, 40.8509,
38.9686

■ 71.2143, 63.0605,
67.8697

■ 25.5160, 40.1442,
36.7225

■ 71.8292, 63.3064,
71.1078

■ 24.4494, 39.6406,
34.5829

■ 72.4631, 63.5600,
74.4460

■ 23.7221, 39.3100,
32.5461

■ 73.1162, 63.8212,
77.8852

■ 23.4917, 39.2074,
31.8030

■ 73.7887, 64.0902,
81.4263

Harmonies

Analogous

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



42.2975, 48.1541, 46.1873



41.6752, 48.1541, 51.8979



42.1204, 48.1541, 58.2145

Triad

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



41.6752, 48.1541, 51.8979



47.7461, 48.1541, 63.9218



48.0800, 48.1541, 42.8747

Complementary

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



41.6752, 48.1541, 51.8979



41.1262, 39.0463, 42.4169

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.



49.6225, 48.1541, 47.0450



41.6752, 48.1541, 51.8979



49.4254, 48.1541, 59.2148

Square

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



41.6752, 48.1541, 51.8979



45.5823, 48.1541, 65.4776



50.1225, 48.1541, 52.9690



45.9563, 48.1541, 41.2450

Rectangle

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



41.6752, 48.1541, 51.8979



42.9708, 48.1541, 61.8660



50.1225, 48.1541, 52.9690



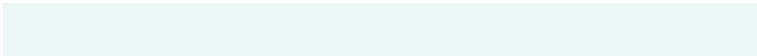
48.6862, 48.1541, 44.0087

Sweetspot

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



41.6766, 48.1561, 51.8990



83.9761, 90.9362, 98.8399



41.1827, 48.1559, 40.3827



18.3005, 19.8984, 21.6200



92.9021, 97.7402, 106.4391



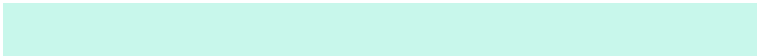
19.4759, 20.4902, 22.3138

Same Dimension

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



41.6766, 48.1561, 51.8990



72.3089, 85.0747, 91.3730



40.9947, 45.4211, 55.8991



9.7005, 10.7663, 11.6725



15.4719, 25.7790, 21.0794



0.6313, 1.0199, 0.9586

Inverse Universe

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



41.1262, 39.0463, 42.4169



71.1625, 66.0883, 71.6141



41.6941, 41.3387, 39.0400



9.6285, 9.5757, 10.4329



14.5172, 7.4380, 2.7511



0.5964, 0.3024, 0.2538

Previews

White Background



This preview shows how the XYZ color 41.6752, 48.1541, 51.8979 looks on a white background.

Color Contrast Check

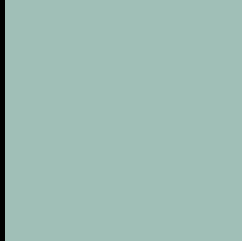
Large Text (above 18pt) WCAG AA × Fail

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 41.6752, 48.1541, 51.8979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

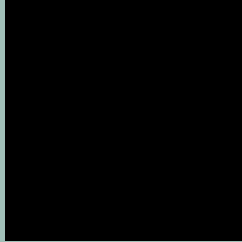
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

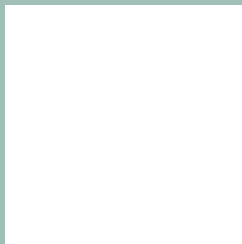
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.6752, 48.1541, 51.8979

Background



This preview shows how black text looks on a background with the XYZ color 41.6752, 48.1541, 51.8979.



This preview shows how white text looks on a background with the XYZ color 41.6752, 48.1541,

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

41.6752, 48.1541, 51.8979

Protanopia

46.0564, 47.9405, 49.4738

Deuteranopia

48.8707, 47.8035, 53.1056



Tritanopia

44.0726, 48.1707, 63.4749

Trichromacy



Original Color

41.6752, 48.1541, 51.8979

Protanomaly

44.1572, 47.8781, 50.0941

Deuteranomaly

45.9401, 47.8089, 52.7057

Tritanomaly

43.2657, 48.1672, 59.2414

Monochromacy



Original Color

41.6752, 48.1541, 51.8979

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.0260, 46.9596, 51.0524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6752, 48.1541, 51.8979 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(160, 191, 183)` looks like.

```
.text, #text, p{  
    color:rgb(160, 191, 183)  
}
```

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(160, 191, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 191, 183) }
```

Border

The CSS property to change the border of an element to XYZ 41.6752, 48.1541, 51.8979 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(160, 191, 183) }
```


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

```
.border{ border-color:rgb(160, 191, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 191, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 191, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 191, 183);  
box-shadow:4px 4px 4px 4px rgb(160, 191,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6752, 48.1541, 51.8979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 191, 183) }
```

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

```
.background{ background-color: rgb(160,  
191, 183) }
```

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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