

Converting Colors

XYZ(41.2320, 50.1903, 52.5048)

Have a look what the booklet for
XYZ(41.2320, 50.1903, 52.5048)
contains.

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Color

**XYZ(41.3190, 50.2911,
52.3292)**

Conversions

Conversions Part 1

Format	Color
Hex	96C6B7
RGB	150, 198, 183
RGB Percent	59%, 78%, 72%
CMY	0.4118, 0.2235, 0.2823
CMYK	0.24, 0.00, 0.08, 0.22
HSL	161°, 30%, 68%
HSV	161°, 24%, 78%
XYZ	41.3190, 50.2911, 52.3292
YIQ	181.9380, -23.7930, -14.8410

Conversions

Conversions Part 2

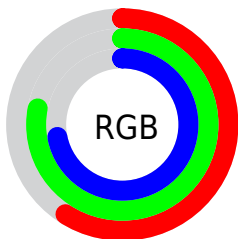
Format	Color
RYB	150, 178, 198
Decimal	9881271
CIELab	76.25, -18.85, 2.39
CIELCh	76, 19.001, 172.781
Yxy	50.2911, 0.2871, 0.3494
Android (android.graphics.Color)	4288071351 (0xFF96C6B7)
YUV	181.9380, 0.5236, -28.0096
Hunter-Lab	70.9162, -20.1012, 5.8912

Details

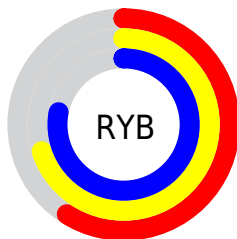
The XYZ color **41.3190, 50.2911, 52.3292** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.9883, 36.5363, 40.4913**, and the grayscale version is **44.4373, 46.7515, 50.9124**.

A 20% lighter version of the original color is **76.5168, 90.7311, 95.1413**, and **19.0395, 24.1549, 24.7780** is the 20% darker color. If you saturate the color by 10%, you get **37.3491, 48.3187, 48.8554**, and if you desaturate by 10%, it is **45.9358, 52.5964, 55.9833**.

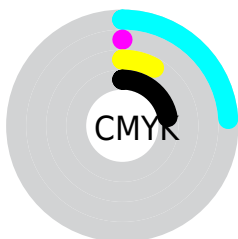
Distribution



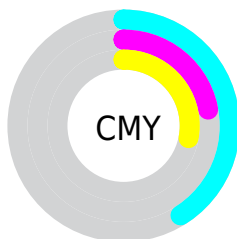
- Red (59%)
- Green (78%)
- Blue (72%)



- Red (59%)
- Yellow (70%)
- Blue (78%)



- Cyan (24%)
- Magenta (0%)
- Yellow (8%)
- Black (22%)



- Cyan (41%)
- Magenta (22%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3190, 50.2911, 52.3292 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 41.3190, 50.2911, 52.3292 by changing the saturation by 10% instead.

■ 41.3190, 50.2911,
52.3292

■ 41.3190, 50.2911,
52.3292

342.6920,
387.8032, 412.6992

■ 28.7572, 35.6448,
36.8835

■ 76.4396, 90.6060,
95.0481

■ 19.0406, 24.1600,
24.8222

■ 99.7290, 117.0434,
123.1583

■ 11.8038, 15.4523,
15.7268

127.3251,
148.1799, 156.3272

■ 6.6815, 9.1374,
9.1788

159.5931,
184.3999, 194.9732

■ 3.3082, 4.8309,
4.7596

196.8985,
226.0879, 239.5148

■ 1.3188, 2.1484,
2.0506

239.6065,

■ 0.1972, 0.6916,

273.6282, 290.3707

0.5862

288.0825,
327.4051, 347.9593

■ 0.0000, 0.0000,
0.0000

■ 41.3190, 50.2911,
52.3292

■ 41.3190, 50.2911,
52.3292

■ 37.3491, 48.3187,
48.8554

■ 45.9358, 52.5964,
55.9833

■ 33.9904, 46.6568,
45.5550

■ 51.2242, 55.2433,
59.8175

■ 31.2105, 45.2900,
42.4259

■ 57.2131, 58.2479,
63.8360

■ 28.9718, 44.1992,
39.4642

■ 63.9281, 61.6235,
68.0417

■ 27.2326, 43.3628,
36.6660

■ 71.3936, 65.3826,
72.4377

■ 25.9444, 42.7557,
34.0270

■ 74.3707, 66.8243,
76.7803

■ 25.0486, 42.3480,
31.5424

■ 75.2064, 67.1586,
81.1811

■ 24.6475, 42.1710,
30.1782

■ 76.0728, 67.5051,
85.7434

■ 76.9702, 67.8641,
90.4690

Harmonies

Analogous

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



42.5482, 50.2911, 43.7249



41.3190, 50.2911, 52.3292



41.7563, 50.2911, 62.7148

Triad

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



41.3190, 50.2911, 52.3292



50.5031, 50.2911, 74.9194



52.0661, 50.2911, 40.5696

Complementary

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



41.3190, 50.2911, 52.3292



40.9883, 36.5363, 40.4913

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.



54.4008, 50.2911, 47.5052



41.3190, 50.2911, 52.3292



53.4675, 50.2911, 67.5077

Square

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



41.3190, 50.2911, 52.3292



46.9443, 50.2911, 76.6273



54.9260, 50.2911, 57.2618



48.6665, 50.2911, 37.5048

Rectangle

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



41.3190, 50.2911, 52.3292



42.9450, 50.2911, 69.1991



54.9260, 50.2911, 57.2618



53.0082, 50.2911, 42.4810

Sweetspot

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



41.3204, 50.2932, 52.3303



87.8998, 96.4162, 103.9448



41.2594, 50.6131, 36.4496



18.6885, 20.5741, 22.1586



0.0000, 0.0000, 0.0000



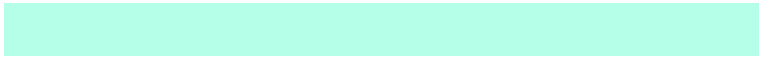
20.3446, 21.4041, 23.3091

Same Dimension

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



41.3204, 50.2932, 52.3303



69.3773, 87.1696, 89.4293



41.0129, 47.0445, 60.3474



10.8001, 12.0089, 12.8978



16.0682, 27.4396, 19.8354



0.7924, 1.3119, 1.1055

Inverse Universe

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



40.9883, 36.5363, 40.4913



68.6926, 58.6955, 64.9376



41.1591, 38.9367, 34.2011



10.7681, 10.6906, 11.7623



15.7429, 8.0467, 3.8561



0.7784, 0.3942, 0.3565

Previews

White Background



This preview shows how the XYZ color 41.3190, 50.2911, 52.3292 looks on a white background.

Color Contrast Check

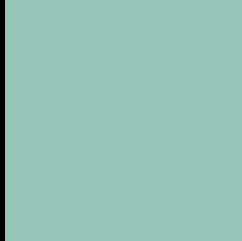
Large Text (above 18pt) WCAG AA × Fail

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 41.3190, 50.2911, 52.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

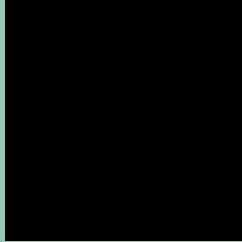
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3190, 50.2911, 52.3292

Background



This preview shows how black text looks on a background with the XYZ color 41.3190, 50.2911, 52.3292.



This preview shows how white text looks on a background with the XYZ color 41.3190, 50.2911,

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

41.3190, 50.2911, 52.3292

Protanopia

47.6985, 50.0524, 48.7421

Deuteranopia

50.8404, 49.7147, 53.3707



Tritanopia

44.4422, 50.2053, 68.3210

Trichromacy



Original Color

41.3190, 50.2911, 52.3292

Protanomaly

44.8989, 49.8634, 49.9060

Deuteranomaly

46.7770, 49.4825, 52.9846

Tritanomaly

43.0773, 49.9726, 62.0189

Monochromacy



Original Color

41.3190, 50.2911, 52.3292

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.0043, 47.8899, 51.2331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3190, 50.2911, 52.3292 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(150, 198, 183)` looks like.

```
.text, #text, p{  
    color:rgb(150, 198, 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(150, 198, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 198, 183) }
```

Border

The CSS property to change the border of an element to XYZ 41.3190, 50.2911, 52.3292 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(150, 198, 183) }
```


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

```
.border{ border-color:rgb(150, 198, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 198, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 198, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 198, 183);  
box-shadow:4px 4px 4px 4px rgb(150, 198,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3190, 50.2911, 52.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 198, 183) }
```

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

```
.background{ background-color: rgb(150,  
198, 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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