

Converting Colors

XYZ(41.0944, 48.8440, 57.4768)

Have a look what the booklet for
XYZ(41.0944, 48.8440, 57.4768)
contains.

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Color

**XYZ(41.1302, 48.7297,
57.6901)**

Conversions

Conversions Part 1

Format	Color
Hex	94C2C1
RGB	148, 194, 193
RGB Percent	58%, 76%, 76%
CMY	0.4196, 0.2392, 0.2431
CMYK	0.24, 0.00, 0.01, 0.24
HSL	179°, 27%, 67%
HSV	179°, 24%, 76%
XYZ	41.1302, 48.7297, 57.6901
YIQ	180.1320, -27.0950, -10.0630

Conversions

Conversions Part 2

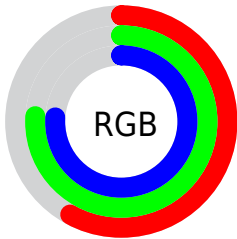
Format	Color
RYB	148, 171, 194
Decimal	9749185
CIELab	75.28, -15.27, -4.45
CIELCh	75, 15.906, 196.256
Yxy	48.7297, 0.2788, 0.3303
Android (android.graphics.Color)	4287939265 (0xFF94C2C1)
YUV	180.1320, 6.3439, -28.1798
Hunter-Lab	69.8067, -16.9892, -0.1342

Details

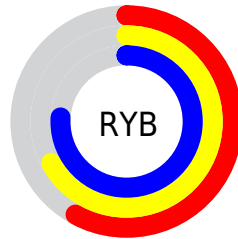
The XYZ color **41.1302, 48.7297, 57.6901** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.2646, 34.8205, 33.1401**, and the grayscale version is **43.4319, 45.6937, 49.7604**.

A 20% lighter version of the original color is **76.2247, 88.5304, 102.6931**, and **18.9356, 23.1364, 28.2787** is the 20% darker color. If you saturate the color by 10%, you get **37.8643, 47.0527, 57.2925**, and if you desaturate by 10%, it is **44.9873, 50.7139, 58.1182**.

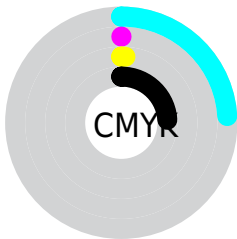
Distribution



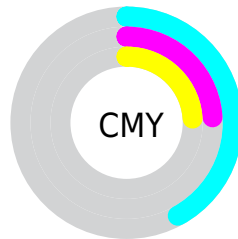
- Red (58%)
- Green (76%)
- Blue (76%)



- Red (58%)
- Yellow (67%)
- Blue (76%)



- Cyan (24%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)



- Cyan (42%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1302, 48.7297, 57.6901 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 41.1302, 48.7297, 57.6901 by changing the saturation by 10% instead.

■ 41.1302, 48.7297,
57.6901

■ 41.1302, 48.7297,
57.6901

341.9178,
381.6772, 433.5961

■ 28.6090, 34.4051,
41.1465

■ 76.1550, 88.2899,
102.9817

■ 18.9280, 23.2050,
28.1130

■ 99.3892, 114.2942,
132.5669

■ 11.7220, 14.7449,
18.1711

126.9251,
144.9606, 167.3363

■ 6.6255, 8.6406,
10.9022

159.1281,
180.6735, 207.7085

■ 3.2732, 4.5075,
5.8877

196.3635,
221.8172, 254.1020

■ 1.2999, 1.9613,
2.7093

238.9967,

■ 0.1831, 0.5848,

268.7761, 306.9355

0.9481

287.3930,
321.9347, 366.6273

■ 0.0000, 0.0000,
0.0000

■ 41.1302, 48.7297,
57.6901

■ 41.1302, 48.7297,
57.6901

■ 37.8643, 47.0527,
57.2925

■ 44.9873, 50.7139,
58.1182

■ 35.1559, 45.6619,
56.9206

■ 49.4584, 53.0134,
58.5747

■ 32.9747, 44.5429,
56.5741

■ 54.5707, 55.6434,
59.0618

■ 31.2856, 43.6776,
56.2513

■ 60.3482, 58.6163,
59.5809

■ 30.0495, 43.0457,
55.9505

■ 66.8137, 61.9438,
60.1328

■ 29.2212, 42.6240,
55.6694

■ 70.4439, 63.8097,
60.5527

■ 28.7460, 42.3844,
55.4055

■ 70.4919, 63.8289,
60.8058

■ 28.5625, 42.2932,
55.2454

■ 70.5401, 63.8482,
61.0595

■ 70.5884, 63.8675,
61.3139

Harmonies

Analogous

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



41.0714, 48.7297, 49.3274



41.1302, 48.7297, 57.6901



42.5398, 48.7297, 65.5492

Triad

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



41.1302, 48.7297, 57.6901



50.4937, 48.7297, 64.9768



47.6635, 48.7297, 38.9160

Complementary

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



41.1302, 48.7297, 57.6901



38.2646, 34.8205, 33.1401

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.



50.3095, 48.7297, 42.2646



41.1302, 48.7297, 57.6901



51.9894, 48.7297, 56.9729

Square

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



41.1302, 48.7297, 57.6901



47.9063, 48.7297, 70.0489



51.9206, 48.7297, 48.6814



44.7615, 48.7297, 39.0646

Rectangle

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



41.1302, 48.7297, 57.6901



44.0910, 48.7297, 69.1877



51.9206, 48.7297, 48.6814



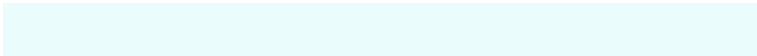
48.6149, 48.7297, 39.6534

Sweetspot

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



41.1316, 48.7317, 57.6912



86.7207, 94.5607, 105.8308



37.1306, 47.1635, 35.1645



18.8795, 20.6505, 23.1646



0.0000, 0.0000, 0.0000



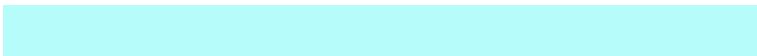
20.3446, 21.4041, 23.3091

Same Dimension

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



41.1316, 48.7317, 57.6912



71.5860, 86.7795, 104.1695



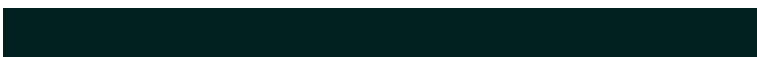
36.8061, 39.9010, 56.8029



10.3588, 11.4246, 12.8925



18.7824, 27.8070, 36.3427



0.8146, 1.2027, 1.5864

Inverse Universe

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



38.2646, 34.8205, 33.1401



65.5667, 57.5705, 52.6224



41.8701, 42.1591, 33.9488



10.0819, 10.0814, 10.5218



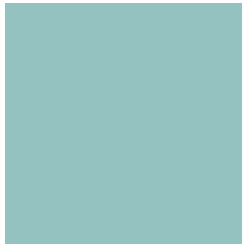
14.6467, 7.5484, 0.7855



0.6360, 0.3274, 0.0504

Previews

White Background



This preview shows how the XYZ color 41.1302, 48.7297, 57.6901 looks on a white background.

Color Contrast Check

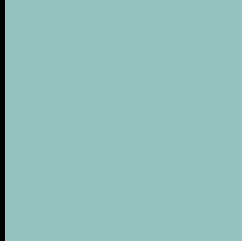
Large Text (above 18pt) WCAG AA × Fail

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 41.1302, 48.7297, 57.6901 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

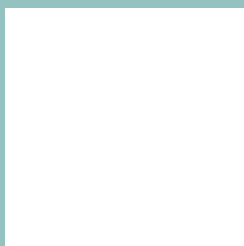
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.1302, 48.7297, 57.6901

Background



This preview shows how black text looks on a background with the XYZ color 41.1302, 48.7297, 57.6901.

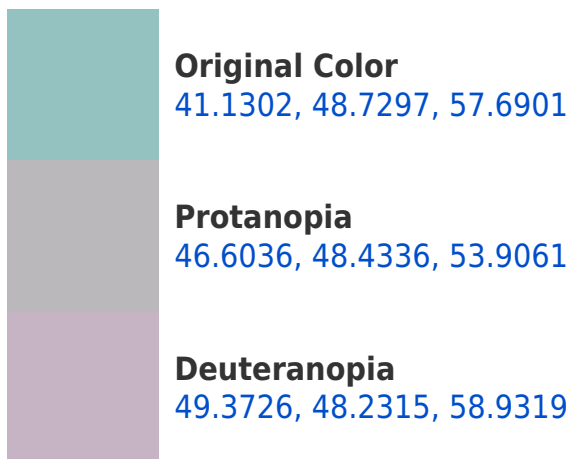


This preview shows how white text looks on a background with the XYZ color 41.1302, 48.7297,

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

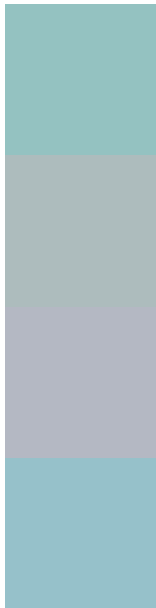




Tritanopia

42.8746, 48.7836, 66.1879

Trichromacy



Original Color

41.1302, 48.7297, 57.6901

Protanomaly

44.4021, 48.5248, 55.1701

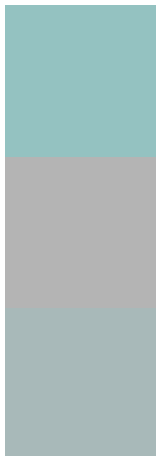
Deuteranomaly

45.8132, 47.9244, 58.4655

Tritanomaly

42.3083, 48.8882, 63.0836

Monochromacy



Original Color

41.1302, 48.7297, 57.6901

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.2544, 46.5255, 52.6522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1302, 48.7297, 57.6901 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, 194, 193) looks like.

```
.text, #text, p{  
    color:rgb(148, 194, 193)  
}
```

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, 194, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 194, 193) }
```

Border

The CSS property to change the border of an element to XYZ 41.1302, 48.7297, 57.6901 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, 194, 193) }
```


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

```
.border{ border-color:rgb(148, 194, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 194, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 194, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 194, 193);  
box-shadow:4px 4px 4px 4px rgb(148, 194,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1302, 48.7297, 57.6901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 194, 193) }
```

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

```
.background{ background-color: rgb(148,  
194, 193) }
```

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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