

Converting Colors

XYZ(41.1885, 47.9819, 56.7625)

Have a look what the booklet for
XYZ(41.1885, 47.9819, 56.7625)
contains.

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Color

**XYZ(41.3130, 48.1804,
56.9915)**

Conversions

Conversions Part 1

Format	Color
Hex	98C0C0
RGB	152, 192, 192
RGB Percent	60%, 75%, 75%
CMY	0.4039, 0.2470, 0.2471
CMYK	0.21, 0.00, 0.00, 0.25
HSL	180°, 24%, 67%
HSV	180°, 21%, 75%
XYZ	41.3130, 48.1804, 56.9915
YIQ	180.0400, -23.8400, -8.4800

Conversions

Conversions Part 2

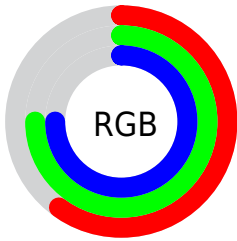
Format	Color
RYB	152, 172, 192
Decimal	10010816
CIELab	74.94, -13.23, -4.39
CIELCh	75, 13.936, 198.362
Yxy	48.1804, 0.2820, 0.3289
Android (android.graphics.Color)	4288200896 (0xFF98C0C0)
YUV	180.0400, 5.8963, -24.5911
Hunter-Lab	69.4121, -15.2308, -0.0922

Details

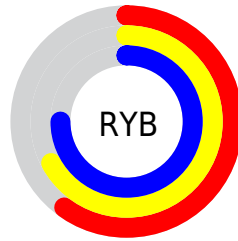
The XYZ color **41.3130, 48.1804, 56.9915** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.6357, 35.9314, 34.6070**, and the grayscale version is **43.3835, 45.6428, 49.7051**.

A 20% lighter version of the original color is **76.2428, 87.1775, 101.6155**, and **19.0042, 22.7504, 27.8157** is the 20% darker color. If you saturate the color by 10%, you get **38.0066, 46.4771, 56.8371**, and if you desaturate by 10%, it is **45.2040, 50.1875, 57.1753**.

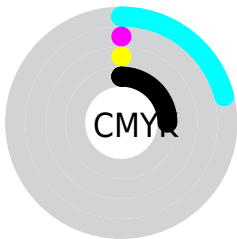
Distribution



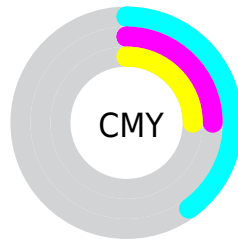
- Red (60%)
- Green (75%)
- Blue (75%)



- Red (60%)
- Yellow (67%)
- Blue (75%)



- Cyan (21%)
- Magenta (0%)
- Yellow (0%)
- Black (25%)



- Cyan (40%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3130, 48.1804, 56.9915 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 41.3130, 48.1804, 56.9915 by changing the saturation by 10% instead.

■ 41.3130, 48.1804,
56.9915

■ 41.3130, 48.1804,
56.9915

342.6674,
379.5067, 430.9103

■ 28.7525, 33.9698,
40.5891

■ 76.4305, 87.4729,
101.9530

■ 19.0370, 22.8704,
27.6809

■ 99.7182, 113.3236,
131.3492

■ 11.8012, 14.4978,
17.8483

127.3124,
143.8232, 165.9137

■ 6.6797, 8.4677,
10.6728

159.5784,
179.3559, 206.0651

■ 3.3071, 4.3957,
5.7359

196.8815,
220.3062, 252.2219

■ 1.3182, 1.8973,
2.6190

239.5871,

■ 0.1968, 0.5467,

267.0585, 304.8027

0.9022

288.0606,
319.9972, 364.2260

■ 0.0000, 0.0000,
0.0000

■ 41.3130, 48.1804,
56.9915

■ 41.3130, 48.1804,
56.9915

■ 38.0066, 46.4771,
56.8371

■ 45.2040, 50.1875,
57.1753

■ 35.2525, 45.0574,
56.7076

■ 49.7014, 52.5060,
57.3864

■ 33.0220, 43.9075,
56.6026

■ 54.8310, 55.1504,
57.6271

■ 31.2819, 43.0105,
56.5205

■ 60.6161, 58.1327,
57.8985

■ 29.9953, 42.3473,
56.4596

■ 67.0786, 61.4642,
58.2016

■ 29.1201, 41.8961,
56.4180

■ 69.6058, 62.7670,
58.3205

■ 28.6062, 41.6312,
56.3933

■ 69.6059, 62.7671,
58.3211

■ 28.3640, 41.5063,
56.3814

■ 69.6060, 62.7671,
58.3218

■ 69.6061, 62.7672,
58.3224

Harmonies

Analogous

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



41.1747, 48.1804, 49.6887



41.3130, 48.1804, 56.9915



42.6248, 48.1804, 63.6245

Triad

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



41.3130, 48.1804, 56.9915



49.5423, 48.1804, 62.3142



46.7864, 48.1804, 39.9175

Complementary

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



41.3130, 48.1804, 56.9915



38.6357, 35.9314, 34.6070

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.



49.1166, 48.1804, 42.6849



41.3130, 48.1804, 56.9915



50.7465, 48.1804, 55.3330

Square

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



41.3130, 48.1804, 56.9915



47.3500, 48.1804, 66.8880



50.5879, 48.1804, 48.1758



44.2725, 48.1804, 40.2725

Rectangle

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



41.3130, 48.1804, 56.9915



44.0165, 48.1804, 66.5669



50.5879, 48.1804, 48.1758



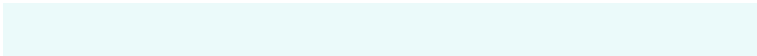
47.6188, 48.1804, 40.5022

Sweetspot

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



41.3144, 48.1824, 56.9926



85.6240, 92.8511, 103.7688



37.5927, 46.7081, 36.7411



18.2553, 19.8609, 22.2565



92.9021, 97.7402, 106.4391



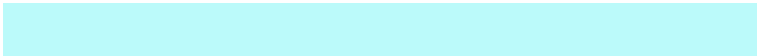
19.4759, 20.4902, 22.3138

Same Dimension

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



41.3144, 48.1824, 56.9926



71.9913, 85.8232, 103.1285



37.3445, 40.2422, 55.6706



10.3686, 11.4285, 12.9441



19.0852, 27.9281, 37.9371



0.8246, 1.2067, 1.6392

Inverse Universe

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



38.6357, 35.9314, 34.6070



66.2647, 59.6330, 55.2724



42.0334, 42.7271, 35.7386



10.0733, 10.0779, 10.4763



14.6276, 7.5408, 0.6848



0.6320, 0.3258, 0.0296

Previews

White Background



This preview shows how the XYZ color 41.3130, 48.1804, 56.9915 looks on a white background.

Color Contrast Check

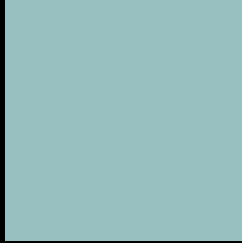
Large Text (above 18pt) WCAG AA × Fail

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 41.3130, 48.1804, 56.9915 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

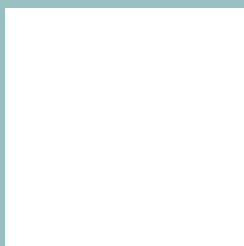
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.3130, 48.1804, 56.9915

Background



This preview shows how black text looks on a background with the XYZ color 41.3130, 48.1804, 56.9915.



This preview shows how white text looks on a background with the XYZ color 41.3130, 48.1804,

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

41.3130, 48.1804, 56.9915

Protanopia

46.1528, 47.8939, 53.8256

Deuteranopia

48.9964, 48.0506, 58.3221



Tritanopia

42.9505, 48.2033, 64.7980

Trichromacy



Original Color

41.3130, 48.1804, 56.9915

Protanomaly

44.1998, 47.7906, 55.0390

Deuteranomaly

45.9341, 47.9998, 57.8828

Tritanomaly

42.3826, 48.3018, 61.7330

Monochromacy



Original Color

41.3130, 48.1804, 56.9915

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.3698, 46.2877, 52.0487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3130, 48.1804, 56.9915 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(152, 192, 192)` looks like.

```
.text, #text, p{  
    color:rgb(152, 192, 192)  
}
```

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(152, 192, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 192, 192) }
```

Border

The CSS property to change the border of an element to XYZ 41.3130, 48.1804, 56.9915 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(152, 192, 192) }
```


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

```
.border{ border-color:rgb(152, 192, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 192, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 192, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 192, 192);  
box-shadow:4px 4px 4px 4px rgb(152, 192,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3130, 48.1804, 56.9915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 192, 192) }
```

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

```
.background{ background-color: rgb(152,  
192, 192) }
```

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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