

Converting Colors

XYZ(41.1686, 47.3756, 51.1229)

Have a look what the booklet for
XYZ(41.1686, 47.3756, 51.1229)
contains.

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Color

**XYZ(41.1383, 47.2462,
51.2072)**

Conversions

Conversions Part 1

Format	Color
Hex	A0BDB6
RGB	160, 189, 182
RGB Percent	63%, 74%, 71%
CMY	0.3725, 0.2588, 0.2863
CMYK	0.15, 0.00, 0.04, 0.26
HSL	166°, 18%, 68%
HSV	166°, 15%, 74%
XYZ	41.1383, 47.2462, 51.2072
YIQ	179.5310, -15.0370, -8.3250

Conversions

Conversions Part 2

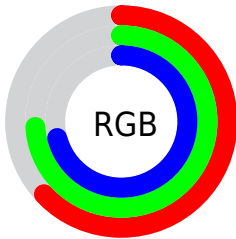
Format	Color
RYB	160, 176, 189
Decimal	10534326
CIELab	74.35, -11.21, 0.24
CIELCh	74, 11.214, 178.782
Yxy	47.2462, 0.2947, 0.3385
Android (android.graphics.Color)	4288724406 (0xFFA0BDB6)
YUV	179.5310, 1.2172, -17.1287
Hunter-Lab	68.7359, -13.4558, 3.9449

Details

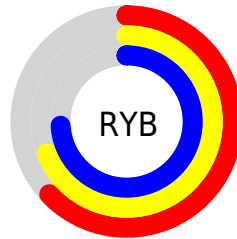
The XYZ color **41.1383, 47.2462, 51.2072** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.5338, 38.7517, 41.9047**, and the grayscale version is **43.1317, 45.3779, 49.4166**.

A 20% lighter version of the original color is **76.1094, 85.9249, 93.4627**, and **18.9509, 22.3814, 24.0901** is the 20% darker color. If you saturate the color by 10%, you get **37.1797, 45.2604, 48.6007**, and if you desaturate by 10%, it is **45.6894, 49.5382, 53.9236**.

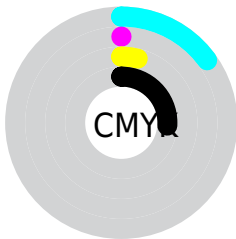
Distribution



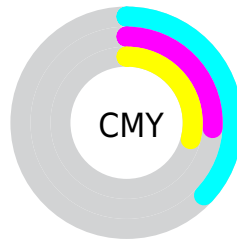
- Red (63%)
- Green (74%)
- Blue (71%)



- Red (63%)
- Yellow (69%)
- Blue (74%)



- Cyan (15%)
- Magenta (0%)
- Yellow (4%)
- Black (26%)



- Cyan (37%)
- Magenta (26%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1383, 47.2462, 51.2072 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 41.1383, 47.2462, 51.2072 by changing the saturation by 10% instead.

■ 41.1383, 47.2462,
51.2072

■ 41.1383, 47.2462,
51.2072

341.9510,
375.7964, 408.2378

■ 28.6153, 33.2303,
35.9957

■ 76.1672, 86.0810,
93.3756

■ 18.9328, 22.3030,
24.1412

■ 99.4038, 111.6687,
121.1696

■ 11.7255, 14.0797,
15.2252

126.9423,
141.8825, 153.9947

■ 6.6279, 8.1761,
8.8292

159.1481,
177.1068, 192.2697

■ 3.2747, 4.2078,
4.5347

196.3865,
217.7259, 236.4129

■ 1.3007, 1.7905,
1.9230

239.0229,

■ 0.1837, 0.4812,

264.1243, 286.8430

0.5073

287.4226,
316.6863, 343.9784

■ 0.0000, 0.0000,
0.0000

■ 41.1383, 47.2462,
51.2072

■ 41.1383, 47.2462,
51.2072

■ 37.1797, 45.2604,
48.6007

■ 45.6894, 49.5382,
53.9236

■ 33.7836, 43.5615,
46.0991

■ 50.8532, 52.1431,
56.7488

■ 30.9234, 42.1371,
43.7012

■ 56.6543, 55.0747,
59.6854

■ 28.5686, 40.9715,
41.4050

■ 63.1142, 58.3441,
62.7354

■ 26.6856, 40.0475,
39.2080

■ 70.2537, 61.9620,
65.9003

■ 25.2369, 39.3456,
37.1077

■ 70.9946, 62.2794,
68.8496

■ 24.1788, 38.8435,
35.1013

■ 71.5692, 62.5093,
71.8757

■ 23.4576, 38.5133,
33.1853

■ 72.1602, 62.7457,
74.9878

■ 23.1844, 38.3913,
32.3216

■ 72.7676, 62.9886,
78.1866

Harmonies

Analogous

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



41.6696, 47.2462, 45.8970



41.1383, 47.2462, 51.2072



41.5912, 47.2462, 56.9797

Triad

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



41.1383, 47.2462, 51.2072



46.7999, 47.2462, 61.8078



46.9469, 47.2462, 42.5149

Complementary

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



41.1383, 47.2462, 51.2072



40.5338, 38.7517, 41.9047

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.



48.3926, 47.2462, 46.2772



41.1383, 47.2462, 51.2072



48.3060, 47.2462, 57.4189

Square

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



41.1383, 47.2462, 51.2072



44.8237, 47.2462, 63.3691



48.8972, 47.2462, 51.6797



44.9886, 47.2462, 41.1159

Rectangle

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



41.1383, 47.2462, 51.2072



42.3981, 47.2462, 60.2607



48.8972, 47.2462, 51.6797



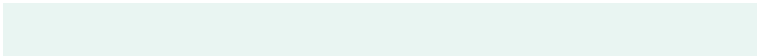
47.5111, 47.2462, 43.5305

Sweetspot

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



41.1396, 47.2482, 51.2083



82.0564, 88.8350, 96.7041



40.5335, 47.1781, 40.2284



17.5147, 19.0375, 20.7209



90.7827, 95.5105, 104.0109



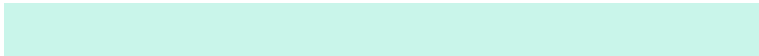
18.6292, 19.5994, 21.3438

Same Dimension

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



41.1396, 47.2482, 51.2083



71.4828, 83.5146, 90.3154



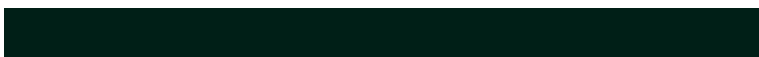
40.3608, 44.5031, 54.6092



9.7074, 10.7691, 11.7087



15.6296, 25.8421, 21.9102



0.6364, 1.0219, 0.9855

Inverse Universe

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



40.5338, 38.7517, 41.9047



70.2166, 65.7488, 70.8650



41.1976, 41.0874, 39.0177



9.6221, 9.5731, 10.3989



14.4729, 7.4203, 2.5179



0.5936, 0.3013, 0.2390

Previews

White Background



This preview shows how the XYZ color 41.1383, 47.2462, 51.2072 looks on a white background.

Color Contrast Check

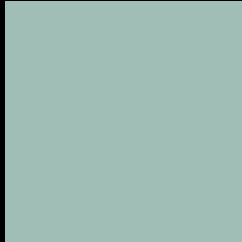
Large Text (above 18pt) WCAG AA × Fail

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 41.1383, 47.2462, 51.2072 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

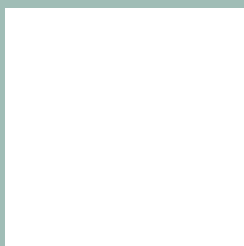
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.1383, 47.2462, 51.2072

Background



This preview shows how black text looks on a background with the XYZ color 41.1383, 47.2462, 51.2072.



This preview shows how white text looks on a background with the XYZ color 41.1383, 47.2462,

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

41.1383, 47.2462, 51.2072

Protanopia

45.2573, 47.2350, 48.8514

Deuteranopia

48.0323, 47.0892, 52.4565



Tritanopia

43.2058, 47.1214, 62.0765

Trichromacy



Original Color

41.1383, 47.2462, 51.2072

Protanomaly

43.6171, 47.2997, 49.4787

Deuteranomaly

45.1832, 46.8227, 52.0037

Tritanomaly

42.4082, 47.1171, 57.8983

Monochromacy



Original Color

41.1383, 47.2462, 51.2072

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.5076, 46.0874, 50.3714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1383, 47.2462, 51.2072 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, 189, 182)` looks like.

```
.text, #text, p{  
    color:rgb(160, 189, 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(160, 189, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 189, 182) }
```

Border

The CSS property to change the border of an element to XYZ 41.1383, 47.2462, 51.2072 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, 189, 182) }
```


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

```
.border{ border-color:rgb(160, 189, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 189, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 189, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 189, 182);  
box-shadow:4px 4px 4px 4px rgb(160, 189,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1383, 47.2462, 51.2072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 189, 182) }
```

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

```
.background{ background-color: rgb(160,  
189, 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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