

Converting Colors

XYZ(41.5715, 47.2691, 52.9003)

Have a look what the booklet for
XYZ(41.5715, 47.2691, 52.9003)
contains.

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Color

**XYZ(41.4381, 47.0463,
52.7958)**

Conversions

Conversions Part 1

Format	Color
Hex	A1BCB9
RGB	161, 188, 185
RGB Percent	63%, 74%, 73%
CMY	0.3686, 0.2627, 0.2745
CMYK	0.14, 0.00, 0.02, 0.26
HSL	173°, 17%, 68%
HSV	173°, 14%, 74%
XYZ	41.4381, 47.0463, 52.7958
YIQ	179.5850, -15.1290, -6.6570

Conversions

Conversions Part 2

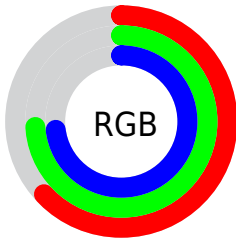
Format	Color
RYB	161, 175, 188
Decimal	10599609
CIELab	74.22, -9.74, -1.57
CIELCh	74, 9.871, 189.173
Yxy	47.0463, 0.2933, 0.3330
Android (android.graphics.Color)	4288789689 (0xFFA1BCB9)
YUV	179.5850, 2.6696, -16.2990
Hunter-Lab	68.5903, -12.1942, 2.3761

Details

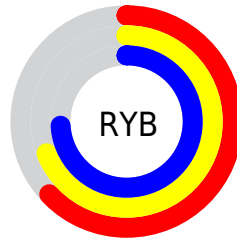
The XYZ color **41.4381, 47.0463, 52.7958** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.1864, 38.8626, 40.5071**, and the grayscale version is **43.1531, 45.4004, 49.4411**.

A 20% lighter version of the original color is **76.5468, 85.6512, 95.7170**, and **19.1355, 22.2451, 25.1150** is the 20% darker color. If you saturate the color by 10%, you get **37.7119, 45.1520, 51.4787**, and if you desaturate by 10%, it is **45.7399, 49.2395, 54.1588**.

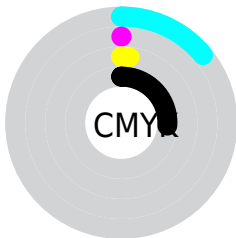
Distribution



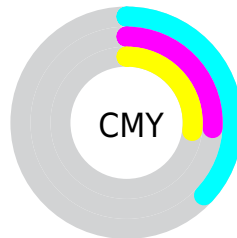
- Red (63%)
- Green (74%)
- Blue (73%)



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



- Cyan (14%)
- Magenta (0%)
- Yellow (2%)
- Black (26%)



- Cyan (37%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4381, 47.0463, 52.7958 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 41.4381, 47.0463, 52.7958 by changing the saturation by 10% instead.

■ 41.4381, 47.0463,
52.7958

■ 41.4381, 47.0463,
52.7958

343.1797,
374.9993, 414.5452

■ 28.8507, 33.0723,
37.2532

■ 76.6190, 85.7827,
95.7423

■ 19.1117, 22.1818,
25.1063

■ 99.9433, 111.3139,
123.9833

■ 11.8555, 13.9905,
15.9365

127.5772,
141.4663, 157.2941

■ 6.7168, 8.1141,
9.3254

159.8862,
176.6242, 196.0934

■ 3.3304, 4.1680,
4.8543

197.2356,
217.1720, 240.7996

■ 1.3308, 1.7680,
2.1048

239.9908,

■ 0.2061, 0.4671,

263.4942, 291.8313

0.6186

288.5170,
315.9752, 349.6070

■ 0.0000, 0.0000,
0.0000

■ 41.4381, 47.0463,
52.7958

■ 41.4381, 47.0463,
52.7958

■ 37.7119, 45.1520,
51.4787

■ 45.7399, 49.2395,
54.1588

■ 34.5320, 43.5376,
50.2030

■ 50.6370, 51.7380,
55.5657

■ 31.8723, 42.1910,
48.9684

■ 56.1533, 54.5553,
57.0187

■ 29.7033, 41.0971,
47.7735

■ 62.3100, 57.7024,
58.5187

■ 27.9924, 40.2389,
46.6168

■ 69.1259, 61.1889,
60.0669

■ 26.7029, 39.5976,
45.4963

■ 69.3647, 61.2844,
61.3245

■ 25.7926, 39.1514,
44.4101

■ 69.6069, 61.3813,
62.5997

■ 25.2105, 38.8741,
43.3557

■ 69.8524, 61.4795,
63.8925

■ 24.9682, 38.7618,
42.7725

■ 70.1012, 61.5790,
65.2029

Harmonies

Analogous

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



41.6084, 47.0463, 47.8358



41.4381, 47.0463, 52.7958



42.1279, 47.0463, 57.6355

Triad

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



41.4381, 47.0463, 52.7958



46.9016, 47.0463, 59.1635



45.9377, 47.0463, 42.6407

Complementary

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



41.4381, 47.0463, 52.7958



40.1864, 38.8626, 40.5071

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.



47.4081, 47.0463, 45.3091



41.4381, 47.0463, 52.7958



47.9748, 47.0463, 54.7715

Square

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



41.4381, 47.0463, 52.7958



45.2611, 47.0463, 61.4683



48.1626, 47.0463, 49.6865



44.1755, 47.0463, 42.1888

Rectangle

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



41.4381, 47.0463, 52.7958



42.9938, 47.0463, 60.0641



48.1626, 47.0463, 49.6865



46.4838, 47.0463, 43.2993

Sweetspot

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



41.4394, 47.0483, 52.7969



83.1408, 89.3615, 98.2247



39.7584, 46.4501, 40.5892



17.7440, 19.1479, 21.0821



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.



41.4394, 47.0483, 52.7969



73.0245, 84.2077, 94.9772



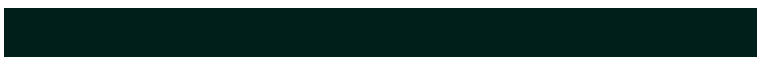
39.6272, 42.9112, 53.7734



9.7616, 10.7908, 11.9943



17.0159, 26.3967, 29.2104



0.6797, 1.0393, 1.2137

Inverse Universe

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



40.1864, 38.8626, 40.5071



70.3479, 66.7202, 68.7237



41.8028, 42.5243, 39.7237



9.5722, 9.5532, 10.1360



14.2260, 7.3216, 1.2179



0.5717, 0.2926, 0.1241

Previews

White Background



This preview shows how the XYZ color 41.4381, 47.0463, 52.7958 looks on a white background.

Color Contrast Check

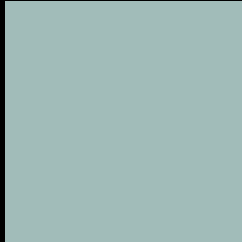
Large Text (above 18pt) WCAG AA × Fail

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 41.4381, 47.0463, 52.7958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

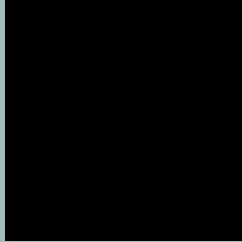
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4381, 47.0463, 52.7958

Background



This preview shows how black text looks on a background with the XYZ color 41.4381, 47.0463, 52.7958.

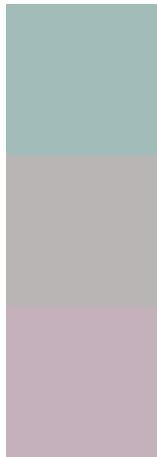


This preview shows how white text looks on a background with the XYZ color 41.4381, 47.0463,

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

41.4381, 47.0463, 52.7958

Protanopia

44.8719, 46.6982, 50.3647

Deuteranopia

47.7177, 46.9025, 53.5518



Tritanopia

43.2941, 47.1805, 61.4685

Trichromacy



Original Color

41.4381, 47.0463, 52.7958

Protanomaly

43.4885, 46.8885, 51.0143

Deuteranomaly

45.1540, 46.7833, 53.1046

Tritanomaly

42.7249, 47.2673, 58.5014

Monochromacy



Original Color

41.4381, 47.0463, 52.7958

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.6106, 46.1286, 50.9139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4381, 47.0463, 52.7958 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(161, 188, 185)` looks like.

```
.text, #text, p{  
    color:rgb(161, 188, 185)  
}
```

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(161, 188, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 188, 185) }
```

Border

The CSS property to change the border of an element to XYZ 41.4381, 47.0463, 52.7958 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(161, 188, 185) }
```


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

```
.border{ border-color:rgb(161, 188, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 188, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 188, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 188, 185);  
box-shadow:4px 4px 4px 4px rgb(161, 188,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4381, 47.0463, 52.7958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 188, 185) }
```

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

```
.background{ background-color: rgb(161,  
188, 185) }
```

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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