

Converting Colors

XYZ(41.4121, 46.9566, 52.2124)

Have a look what the booklet for
XYZ(41.4121, 46.9566, 52.2124)
contains.

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Color

**XYZ(41.5352, 47.1085,
52.2511)**

Conversions

Conversions Part 1

Format	Color
Hex	A2BCB8
RGB	162, 188, 184
RGB Percent	64%, 74%, 72%
CMY	0.3647, 0.2627, 0.2784
CMYK	0.14, 0.00, 0.02, 0.26
HSL	171°, 16%, 69%
HSV	171°, 14%, 74%
XYZ	41.5352, 47.1085, 52.2511
YIQ	179.7700, -14.2120, -6.7560

Conversions

Conversions Part 2

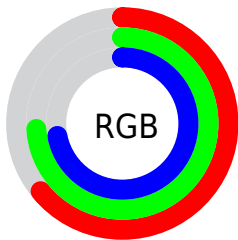
Format	Color
R _Y B	162, 176, 188
Decimal	10665144
CIE Lab	74.26, -9.62, -0.96
CIE LCh	74, 9.668, 185.715
Yxy	47.1085, 0.2948, 0.3344
Android (android.graphics.Color)	4288855224 (0xFFA2BCB8)
YUV	179.7700, 2.0854, -15.5843
Hunter-Lab	68.6356, -12.0922, 2.9085

Details

The XYZ color **41.5352, 47.1085, 52.2511** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.5439, 39.2864, 41.5245**, and the grayscale version is **43.2548, 45.5074, 49.5576**.

A 20% lighter version of the original color is **76.6941, 85.7444, 94.9462**, and **19.1911, 22.2816, 24.7620** is the 20% darker color. If you saturate the color by 10%, you get **37.6981, 45.1664, 50.5049**, and if you desaturate by 10%, it is **45.9522, 49.3514, 54.0589**.

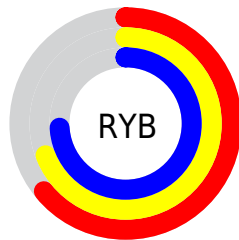
Distribution



Red (64%)

Green (74%)

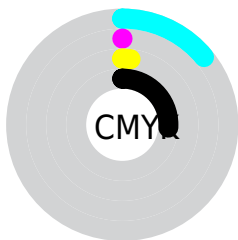
Blue (72%)



Red (64%)

Yellow (69%)

Blue (74%)

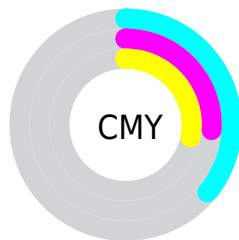


Cyan (14%)

Magenta (0%)

Yellow (2%)

Black (26%)



Cyan (36%)

Magenta (26%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5352, 47.1085, 52.2511 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 41.5352, 47.1085, 52.2511 by changing the saturation by 10% instead.

■ 41.5352, 47.1085,
52.2511

■ 41.5352, 47.1085,
52.2511

343.5770,
375.2475, 412.3897

■ 28.9270, 33.1214,
36.8216

■ 76.7653, 85.8756,
94.9318

■ 19.1696, 22.2195,
24.7747

■ 100.1179,
111.4243, 123.0201

■ 11.8976, 14.0183,
15.6918

127.7827,
141.5958, 156.1652

■ 6.7457, 8.1334,
9.1543

160.1250,
176.7744, 194.7854

■ 3.3485, 4.1804,
4.7438

197.5103,
217.3444, 239.2995

■ 1.3406, 1.7750,
2.0416

240.3038,

■ 0.2133, 0.4715,

263.6904, 290.1258

0.5807

288.8709,
316.1966, 347.6831

■ 0.0000, 0.0000,
0.0000

■ 41.5352, 47.1085,
52.2511

■ 41.5352, 47.1085,
52.2511

■ 37.6981, 45.1664,
50.5049

■ 45.9522, 49.3514,
54.0589

■ 34.4116, 43.5061,
48.8156

■ 50.9687, 51.9014,
55.9263

■ 31.6498, 42.1156,
47.1830

■ 56.6085, 54.7719,
57.8556

■ 29.3832, 40.9797,
45.6053

■ 62.8928, 57.9740,
59.8481

■ 27.5793, 40.0817,
44.0809

■ 69.4716, 61.3272,
61.8876

■ 26.2019, 39.4027,
42.6080

■ 69.8098, 61.4625,
63.6683

■ 25.2089, 38.9213,
41.1842

■ 70.1544, 61.6003,
65.4828

■ 24.5498, 38.6114,
39.8071

■ 70.5054, 61.7407,
67.3313

■ 24.2476, 38.4736,
38.9779

■ 70.8629, 61.8837,
69.2140

Harmonies

Analogous

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



41.8009, 47.1085, 47.4610



41.5352, 47.1085, 52.2511



42.1193, 47.1085, 57.0787

Triad

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



41.5352, 47.1085, 52.2511



46.7522, 47.1085, 59.4533



46.1621, 47.1085, 43.0633

Complementary

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



41.5352, 47.1085, 52.2511



40.5439, 39.2864, 41.5245

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.



47.5405, 47.1085, 45.9124



41.5352, 47.1085, 52.2511



47.8873, 47.1085, 55.3262

Square

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



41.5352, 47.1085, 52.2511



45.1085, 47.1085, 61.4057



48.1795, 47.1085, 50.3470



44.4436, 47.1085, 42.3566

Rectangle

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



41.5352, 47.1085, 52.2511



42.9211, 47.1085, 59.6045



48.1795, 47.1085, 50.3470



46.6820, 47.1085, 43.7928

Sweetspot

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



41.5365, 47.1105, 52.2521



83.0774, 89.3362, 97.8909



40.3021, 46.7201, 41.0768



17.7278, 19.1415, 20.9971



90.7827, 95.5105, 104.0109



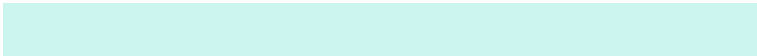
18.6292, 19.5994, 21.3438

Same Dimension

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



41.5365, 47.1105, 52.2521



72.7612, 84.1024, 93.5910



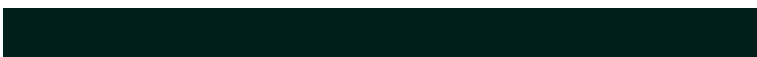
40.1658, 43.6878, 53.8949



9.7437, 10.7836, 11.9001



16.5305, 26.2025, 26.6539



0.6648, 1.0333, 1.1352

Inverse Universe

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



40.5439, 39.2864, 41.5245



70.5677, 66.8081, 69.8814



41.7622, 42.3015, 40.1470



9.5884, 9.5597, 10.2217



14.2886, 7.3466, 1.5476



0.5789, 0.2955, 0.1618

Previews

White Background



This preview shows how the XYZ color 41.5352, 47.1085, 52.2511 looks on a white background.

Color Contrast Check

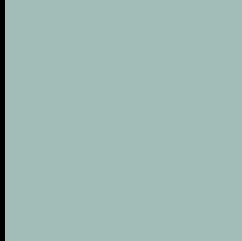
Large Text (above 18pt) WCAG AA × Fail

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 41.5352, 47.1085, 52.2511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

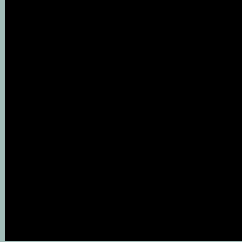
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

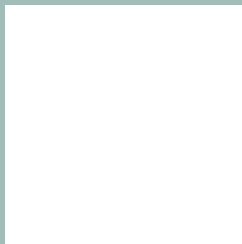
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.5352, 47.1085, 52.2511

Background



This preview shows how black text looks on a background with the XYZ color 41.5352, 47.1085, 52.2511.



This preview shows how white text looks on a background with the XYZ color 41.5352, 47.1085,

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

41.5352, 47.1085, 52.2511

Protanopia

45.0118, 46.7821, 49.8375

Deuteranopia

47.8738, 46.9952, 53.0021



Tritanopia

43.5013, 47.2873, 61.4782

Trichromacy



Original Color

41.5352, 47.1085, 52.2511

Protanomaly

43.6124, 46.9643, 50.4825

Deuteranomaly

45.2884, 46.8648, 52.5578

Tritanomaly

42.8178, 47.3282, 57.9175

Monochromacy



Original Color

41.5352, 47.1085, 52.2511

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 41.5352, 47.1085, 52.2511 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(162, 188, 184)` looks like.

```
.text, #text, p{  
    color:rgb(162, 188, 184)  
}
```

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(162, 188, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 188, 184) }
```

Border

The CSS property to change the border of an element to XYZ 41.5352, 47.1085, 52.2511 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(162, 188, 184) }
```


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

```
.border{ border-color:rgb(162, 188, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 188, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 188, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 188, 184);  
box-shadow:4px 4px 4px 4px rgb(162, 188,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5352, 47.1085, 52.2511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 188, 184) }
```

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

```
.background{ background-color: rgb(162,  
188, 184) }
```

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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