

Converting Colors

XYZ(41.8548, 47.5794, 52.8767)

Have a look what the booklet for
XYZ(41.8548, 47.5794, 52.8767)
contains.

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Color

**XYZ(41.8548, 47.5794,
52.8767)**

Conversions

Conversions Part 1

Format	Color
Hex	A2BDB9
RGB	162, 189, 185
RGB Percent	64%, 74%, 73%
CMY	0.3647, 0.2588, 0.2745
CMYK	0.14, 0.00, 0.02, 0.26
HSL	171°, 17%, 69%
HSV	171°, 14%, 74%
XYZ	41.8548, 47.5794, 52.8767
YIQ	180.4710, -14.8080, -6.9680

Conversions

Conversions Part 2

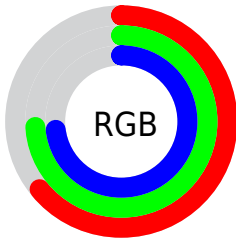
Format	Color
RYB	162, 177, 189
Decimal	10665401
CIELab	74.56, -9.94, -1.07
CIElCh	75, 9.999, 186.134
Yxy	47.5794, 0.2941, 0.3343
Android (android.graphics.Color)	4288855481 (0xFFA2BDB9)
YUV	180.4710, 2.2328, -16.1991
Hunter-Lab	68.9778, -12.3998, 2.8342

Details

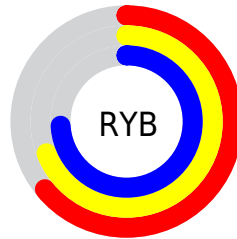
The XYZ color **41.8548, 47.5794, 52.8767** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.7912, 39.4138, 41.5361**, and the grayscale version is **43.6308, 45.9030, 49.9883**.

A 20% lighter version of the original color is **77.1449, 86.4074, 95.8314**, and **19.3994, 22.5893, 25.1675** is the 20% darker color. If you saturate the color by 10%, you get **38.0078, 45.6313, 51.1687**, and if you desaturate by 10%, it is **46.2874, 49.8313, 54.6446**.

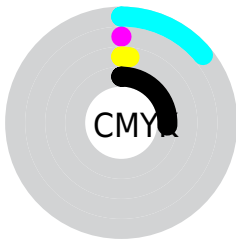
Distribution



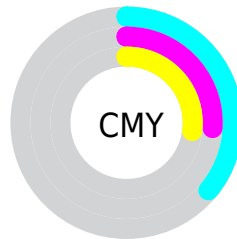
- Red (64%)
- Green (74%)
- Blue (73%)



- Red (64%)
- Yellow (69%)
- Blue (74%)



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



- Cyan (36%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8548, 47.5794, 52.8767 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 41.8548, 47.5794, 52.8767 by changing the saturation by 10% instead.

■ 41.8548, 47.5794,
52.8767

■ 41.8548, 47.5794,
52.8767

344.8826,
377.1225, 414.8648

■ 29.1782, 33.4939,
37.3173

■ 77.2464, 86.5778,
95.8626

■ 19.3606, 22.5051,
25.1555

■ 100.6921,
112.2596, 124.1262

■ 12.0367, 14.2285,
15.9729

128.4582,
142.5756, 157.4616

■ 6.8411, 8.2798,
9.3508

160.9101,
177.9102, 196.2874

■ 3.4083, 4.2745,
4.8708

198.4131,
218.6478, 241.0220

■ 1.3732, 1.8283,
2.1142

241.3326,

■ 0.2370, 0.5047,

265.1728, 292.0841

0.6242

290.0340,
317.8696, 349.8922

■ 0.0000, 0.0000,
0.0000

■ 41.8548, 47.5794,
52.8767

■ 41.8548, 47.5794,
52.8767

■ 38.0078, 45.6313,
51.1687

■ 46.2874, 49.8313,
54.6446

■ 34.7167, 43.9679,
49.5159

■ 51.3256, 52.3934,
56.4704

■ 31.9551, 42.5767,
47.9181

■ 56.9936, 55.2794,
58.3564

■ 29.6931, 41.4425,
46.3735

■ 63.3128, 58.5005,
60.3039

■ 27.8976, 40.5480,
44.8805

■ 69.7485, 61.7810,
62.2879

■ 26.5315, 39.8743,
43.4371

■ 70.0769, 61.9124,
64.0174

■ 25.5522, 39.3993,
42.0412

■ 70.4114, 62.0462,
65.7786

■ 24.9078, 39.0964,
40.6902

■ 70.7519, 62.1824,
67.5717

■ 24.6303, 38.9698,
39.9357

■ 71.0985, 62.3210,
69.3968

Harmonies

Analogous

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



42.1186, 47.5794, 47.8826



41.8548, 47.5794, 52.8767



42.4738, 47.5794, 57.8991

Triad

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



41.8548, 47.5794, 52.8767



47.3031, 47.5794, 60.2668



46.6434, 47.5794, 43.2269

Complementary

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



41.8548, 47.5794, 52.8767



40.7912, 39.4138, 41.5361

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.



48.0879, 47.5794, 46.1559



41.8548, 47.5794, 52.8767



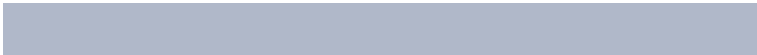
48.4758, 47.5794, 55.9378

Square

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



41.8548, 47.5794, 52.8767



45.5952, 47.5794, 62.3449



48.7668, 47.5794, 50.7496



44.8525, 47.5794, 42.5270

Rectangle

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



41.8548, 47.5794, 52.8767



43.3138, 47.5794, 60.5172



48.7668, 47.5794, 50.7496



47.1871, 47.5794, 43.9735

Sweetspot

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



41.8562, 47.5814, 52.8778



83.0859, 89.3395, 97.9353



40.4569, 47.1183, 41.1454



17.7300, 19.1423, 21.0084



90.7827, 95.5105, 104.0109



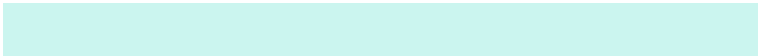
18.6292, 19.5994, 21.3438

Same Dimension

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



41.8562, 47.5814, 52.8778



72.7962, 84.1164, 93.7750



40.3175, 43.8182, 54.4794



9.7461, 10.7846, 11.9126



16.5934, 26.2276, 26.9855



0.6668, 1.0341, 1.1455

Inverse Universe

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



40.7912, 39.4138, 41.5361



70.5383, 66.7963, 69.7263



42.1575, 42.7250, 40.2078



9.5863, 9.5588, 10.2103



14.2793, 7.3429, 1.4985



0.5780, 0.2951, 0.1568

Previews

White Background



This preview shows how the XYZ color 41.8548, 47.5794, 52.8767 looks on a white background.

Color Contrast Check

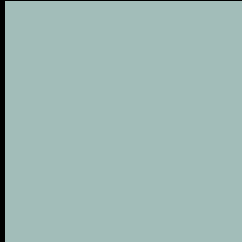
Large Text (above 18pt) WCAG AA × Fail

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 41.8548, 47.5794, 52.8767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

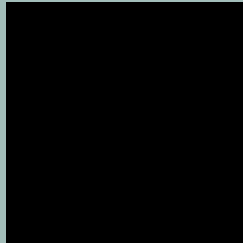
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.8548, 47.5794, 52.8767

Background



This preview shows how black text looks on a background with the XYZ color 41.8548, 47.5794, 52.8767.



This preview shows how white text looks on a background with the XYZ color 41.8548, 47.5794,

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

41.8548, 47.5794, 52.8767

Protanopia

45.5620, 47.3569, 50.4555

Deuteranopia

48.2450, 47.1743, 53.5765



Tritanopia

43.8300, 47.7570, 62.1663

Trichromacy



Original Color

41.8548, 47.5794, 52.8767

Protanomaly

44.1526, 47.5403, 51.1051

Deuteranomaly

45.6365, 47.0320, 53.1272

Tritanomaly

43.1434, 47.7991, 58.5820

Monochromacy



Original Color

41.8548, 47.5794, 52.8767

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 41.8548, 47.5794, 52.8767 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, 189, 185)` looks like.

```
.text, #text, p{  
    color:rgb(162, 189, 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(162, 189, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 189, 185) }
```

Border

The CSS property to change the border of an element to XYZ 41.8548, 47.5794, 52.8767 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, 189, 185) }
```


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

```
.border{ border-color:rgb(162, 189, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 189, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 189, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 189, 185);  
box-shadow:4px 4px 4px 4px rgb(162, 189,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8548, 47.5794, 52.8767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 189, 185) }
```

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

```
.background{ background-color: rgb(162,  
189, 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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