

Converting Colors

XYZ(41.9118, 46.9749, 54.8316)

Have a look what the booklet for
XYZ(41.9118, 46.9749, 54.8316)
contains.

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Color

**XYZ(41.8559, 46.8962,
54.9899)**

Conversions

Conversions Part 1

Format	Color
Hex	A2BBBD
RGB	162, 187, 189
RGB Percent	64%, 73%, 74%
CMY	0.3647, 0.2667, 0.2588
CMYK	0.14, 0.01, 0.00, 0.26
HSL	184°, 17%, 69%
HSV	184°, 14%, 74%
XYZ	41.8559, 46.8962, 54.9899
YIQ	179.7530, -15.5420, -4.6780

Conversions

Conversions Part 2

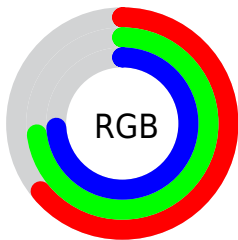
Format	Color
RYB	162, 175, 189
Decimal	10664893
CIELab	74.12, -8.06, -3.89
CIELCh	74, 8.949, 205.740
Yxy	46.8962, 0.2912, 0.3263
Android (android.graphics.Color)	4288854973 (0xFFA2BBBD)
YUV	179.7530, 4.5588, -15.5694
Hunter-Lab	68.4808, -10.7411, 0.3268

Details

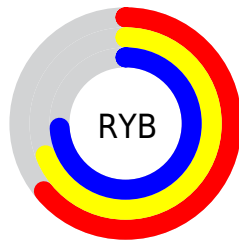
The XYZ color **41.8559, 46.8962, 54.9899** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.7835, 39.9781, 39.7501**, and the grayscale version is **43.2334, 45.4849, 49.5331**.

A 20% lighter version of the original color is **77.1473, 85.4455, 98.8127**, and **19.3994, 22.1428, 26.5441** is the 20% darker color. If you saturate the color by 10%, you get **38.0068, 44.4750, 54.7262**, and if you desaturate by 10%, it is **46.2877, 49.6246, 55.2837**.

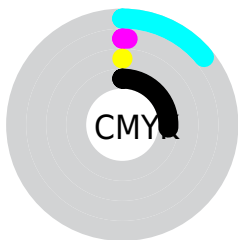
Distribution



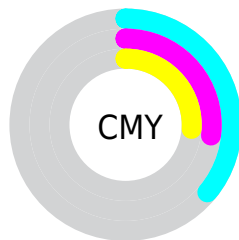
- Red (64%)
- Green (73%)
- Blue (74%)



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



- Cyan (14%)
- Magenta (1%)
- Yellow (0%)
- Black (26%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8559, 46.8962, 54.9899 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 41.8559, 46.8962, 54.9899 by changing the saturation by 10% instead.

■ 41.8559, 46.8962,
54.9899

■ 41.8559, 46.8962,
54.9899

344.8870,
374.4001, 423.1545

■ 29.1791, 32.9536,
38.9951

■ 77.2480, 85.5587,
98.9972

■ 19.3613, 22.0909,
26.4481

■ 100.6940,
111.0473, 127.8467

■ 12.0372, 13.9237,
16.9304

128.4605,
141.1534, 161.8182

■ 6.8414, 8.0676,
10.0235

160.9128,
176.2614, 201.3303

■ 3.4086, 4.1383,
5.3087

198.4162,
216.7557, 246.8014

■ 1.3733, 1.7512,
2.3676

241.3362,

■ 0.2371, 0.4565,

263.0206, 298.6501

0.7687

290.0380,
315.4406, 357.2950

■ 0.0000, 0.0000,
0.0000

■ 41.8559, 46.8962,
54.9899

■ 41.8559, 46.8962,
54.9899

■ 38.0068, 44.4750,
54.7262

■ 46.2877, 49.6246,
55.2837

■ 34.7105, 42.3419,
54.4882

■ 51.3221, 52.6666,
55.6055

■ 31.9410, 40.4845,
54.2756

■ 56.9833, 56.0361,
55.9575

■ 29.6681, 38.8874,
54.0872

■ 63.2926, 59.7440,
56.3407

■ 27.8589, 37.5336,
53.9212

■ 69.7159, 63.5150,
56.7300

■ 26.4762, 36.4040,
53.7760

■ 70.0285, 64.1402,
56.8342

■ 25.4775, 35.4764,
53.6496

■ 70.3440, 64.7713,
56.9394

■ 24.8110, 34.7243,
53.5396

■ 70.6625, 65.4082,
57.0456

■ 24.5197, 34.3426,
53.4813

■ 70.9839, 66.0511,
57.1527

Harmonies

Analogous

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



41.5716, 46.8962, 50.4095



41.8559, 46.8962, 54.9899



42.8617, 46.8962, 58.7058

Triad

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



41.8559, 46.8962, 54.9899



47.1681, 46.8962, 56.1910



44.8026, 46.8962, 42.7600

Complementary

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



41.8559, 46.8962, 54.9899



40.7835, 39.9781, 39.7501

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.



46.3301, 46.8962, 44.1123



41.8559, 46.8962, 54.9899



47.7164, 46.8962, 51.7201

Square

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



41.8559, 46.8962, 54.9899



45.9246, 46.8962, 59.4279



47.4061, 46.8962, 47.3257



43.2490, 46.8962, 43.5205

Rectangle

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



41.8559, 46.8962, 54.9899



43.8190, 46.8962, 60.0982



47.4061, 46.8962, 47.3257



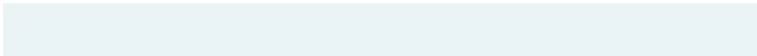
45.3365, 46.8962, 42.9802

Sweetspot

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



41.8573, 46.8981, 54.9909



83.0880, 88.9908, 99.0240



39.7814, 46.7504, 41.9551



17.7305, 19.0534, 21.2858



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.



41.8573, 46.8981, 54.9909



72.7991, 82.6415, 98.3407



39.1645, 41.5126, 54.0934



9.7466, 10.6854, 12.2210



16.5218, 23.1553, 35.9915



0.6654, 0.9434, 1.4159

Inverse Universe

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



42.8773, 40.2482, 52.5249



74.9711, 68.5695, 93.0694



43.2900, 44.9911, 40.5857



9.8987, 9.6838, 11.8555



19.3402, 9.3672, 28.1488



0.7668, 0.3706, 1.1510

Previews

White Background



This preview shows how the XYZ color 41.8559, 46.8962, 54.9899 looks on a white background.

Color Contrast Check

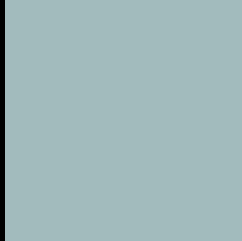
Large Text (above 18pt) WCAG AA × Fail

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 41.8559, 46.8962, 54.9899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

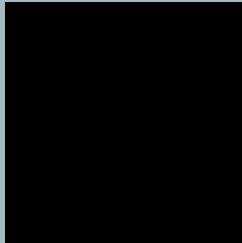
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.8559, 46.8962, 54.9899

Background



This preview shows how black text looks on a background with the XYZ color 41.8559, 46.8962, 54.9899.



This preview shows how white text looks on a background with the XYZ color 41.8559, 46.8962,

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

41.8559, 46.8962, 54.9899

Protanopia

45.0480, 46.7409, 52.5465

Deuteranopia

47.6318, 46.8080, 55.8146



Tritanopia

43.0841, 46.7606, 61.3985

Trichromacy



Original Color

41.8559, 46.8962, 54.9899

Protanomaly

43.7009, 46.6422, 53.1539

Deuteranomaly

45.3466, 46.8327, 55.3648

Tritanomaly

42.6270, 46.8899, 59.0285

Monochromacy



Original Color

41.8559, 46.8962, 54.9899

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.7143, 46.1701, 51.4602

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8559, 46.8962, 54.9899 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, 187, 189)` looks like.

```
.text, #text, p{  
    color:rgb(162, 187, 189)  
}
```

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, 187, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 187, 189) }
```

Border

The CSS property to change the border of an element to XYZ 41.8559, 46.8962, 54.9899 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, 187, 189) }
```


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

```
.border{ border-color:rgb(162, 187, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 187, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 187, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 187, 189);  
box-shadow:4px 4px 4px 4px rgb(162, 187,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8559, 46.8962, 54.9899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 187, 189) }
```

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

```
.background{ background-color: rgb(162,  
187, 189) }
```

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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