

Converting Colors

XYZ(42.7543, 54.7930, 59.6347)

Have a look what the booklet for
XYZ(42.7543, 54.7930, 59.6347)
contains.

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Color

**XYZ(42.6914, 54.7302,
59.3528)**

Conversions

Conversions Part 1

Format	Color
Hex	88D1C2
RGB	136, 209, 194
RGB Percent	53%, 82%, 76%
CMY	0.4667, 0.1804, 0.2392
CMYK	0.35, 0.00, 0.07, 0.18
HSL	168°, 44%, 68%
HSV	168°, 35%, 82%
XYZ	42.6914, 54.7302, 59.3528
YIQ	185.4630, -38.6930, -20.1410

Conversions

Conversions Part 2

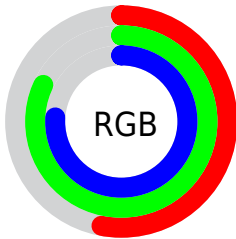
Format	Color
RYB	136, 177, 209
Decimal	8966594
CIELab	78.89, -26.07, 0.22
CIELCh	79, 26.074, 179.519
Yxy	54.7302, 0.2723, 0.3491
Android (android.graphics.Color)	4287156674 (0xFF88D1C2)
YUV	185.4630, 4.2087, -43.3791
Hunter-Lab	73.9799, -26.4581, 4.2185

Details

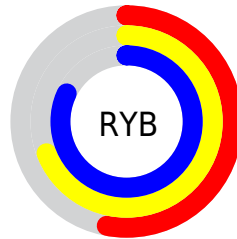
The XYZ color **42.6914, 54.7302, 59.3528** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **40.6865, 33.3995, 33.5827**, and the grayscale version is **46.3659, 48.7806, 53.1221**.

A 20% lighter version of the original color is **74.7535, 89.6286, 103.8026**, and **19.7689, 26.7985, 28.9416** is the 20% darker color. If you saturate the color by 10%, you get **39.1473, 52.9595, 56.7060**, and if you desaturate by 10%, it is **46.9144, 56.8521, 62.1066**.

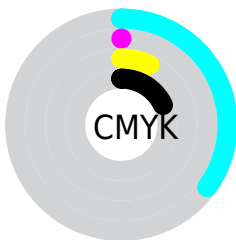
Distribution



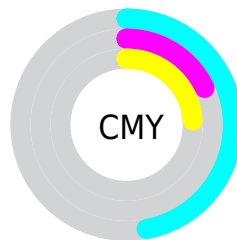
- Red (53%)
- Green (82%)
- Blue (76%)



- Red (53%)
- Yellow (69%)
- Blue (82%)



- Cyan (35%)
- Magenta (0%)
- Yellow (7%)
- Black (18%)





- Cyan (47%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.6914, 54.7302, 59.3528 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 42.6914, 54.7302, 59.3528 by changing the saturation by 10% instead.


 42.6914, 54.7302,
59.3528


 42.6914, 54.7302,
59.3528


348.2842,
404.8884, 439.9463


 29.8365, 39.1858,
42.4753


 78.5036, 97.1455,
105.4244

 19.8620, 26.9043,
29.1453


 102.1916,
124.7852, 135.4556

 12.4024, 17.5013,
18.9442

 130.2214,
157.2255, 170.7084

 7.0925, 10.5926,
11.4536

162.9583,
194.8506, 211.6015

 3.5669, 5.7936,
6.2548

200.7677,
238.0451, 258.5532

 1.4601, 2.7200,
2.9293

244.0149,

 0.2985, 0.9873,

287.1933, 311.9823

1.0587

293.0653,
342.6796, 372.3071

■ 0.0000, 0.0000,
0.0000

■ 42.6914, 54.7302,
59.3528

■ 42.6914, 54.7302,
59.3528

■ 39.1473, 52.9595,
56.7060

■ 46.9144, 56.8521,
62.1066

■ 36.2387, 51.5134,
54.1599

■ 51.8474, 59.3369,
64.9658

■ 33.9244, 50.3721,
51.7132

■ 57.5248, 62.2039,
67.9338

■ 32.1563, 49.5108,
49.3630

■ 63.9777, 65.4691,
71.0128

■ 30.8787, 48.9008,
47.1061

■ 71.2354, 69.1474,
74.2045

■ 30.0235, 48.5070,
44.9387

■ 76.9296, 72.0181,
77.3987

■ 29.6891, 48.3579,
43.8705

■ 77.5052, 72.2483,
80.4297

■ 78.0955, 72.4845,
83.5383

■ 78.7006, 72.7265,
86.7249

Harmonies

Analogous

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



43.9078, 54.7302, 46.2753



42.6914, 54.7302, 59.3528



43.8331, 54.7302, 74.7621

Triad

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



42.6914, 54.7302, 59.3528



57.0770, 54.7302, 87.9847



57.2312, 54.7302, 38.2547

Complementary

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



42.6914, 54.7302, 59.3528



40.6865, 33.3995, 33.5827

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.



61.1663, 54.7302, 46.6265



42.6914, 54.7302, 59.3528



61.0732, 54.7302, 75.2455

Square

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



42.6914, 54.7302, 59.3528



51.9359, 54.7302, 92.8667



62.6159, 54.7302, 59.8316



52.1031, 54.7302, 35.3991

Rectangle

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



42.6914, 54.7302, 59.3528



45.8241, 54.7302, 83.9981



62.6159, 54.7302, 59.8316



58.7494, 54.7302, 40.4404

Sweetspot

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



42.6930, 54.7324, 59.3541



85.4505, 95.1474, 104.1065



40.1607, 54.0385, 31.6073



18.0223, 20.2304, 22.1419



0.0000, 0.0000, 0.0000



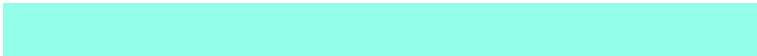
20.3446, 21.4041, 23.3091

Same Dimension

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



42.6930, 54.7324, 59.3541



62.6612, 83.6892, 89.9343



39.7146, 45.9415, 67.0985



12.0499, 13.3637, 14.6194



18.3411, 29.8294, 27.2403



1.0524, 1.6786, 1.6648

Inverse Universe

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



40.6865, 33.3995, 33.5827



59.0614, 45.3073, 43.6179



42.7437, 39.3415, 28.6344



11.9067, 11.8474, 12.7845



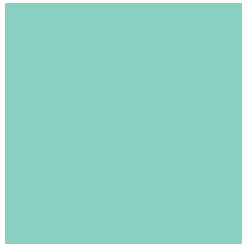
16.5097, 8.4767, 2.3242



0.9524, 0.4857, 0.2843

Previews

White Background



This preview shows how the XYZ color 42.6914, 54.7302, 59.3528 looks on a white background.

Color Contrast Check

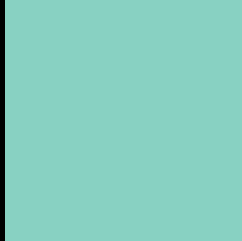
Large Text (above 18pt) WCAG AA × Fail

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 42.6914, 54.7302, 59.3528 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

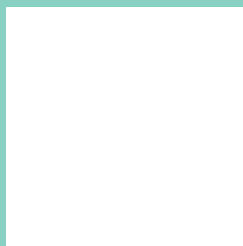
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.6914, 54.7302, 59.3528

Background



This preview shows how black text looks on a background with the XYZ color 42.6914, 54.7302, 59.3528.



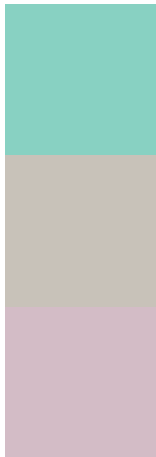
This preview shows how white text looks on a background with the XYZ color 42.6914, 54.7302,

59.3528.

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

42.6914, 54.7302, 59.3528

Protanopia

51.8682, 54.3657, 53.6588

Deuteranopia

55.0402, 53.8925, 60.9274



Tritanopia

46.2102, 54.7227, 76.5336

Trichromacy



Original Color

42.6914, 54.7302, 59.3528

Protanomaly

47.6320, 53.8248, 55.4557

Deuteranomaly

49.5851, 53.7014, 60.5753

Tritanomaly

44.6444, 54.4212, 69.7794

Monochromacy



Original Color

42.6914, 54.7302, 59.3528

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

44.3052, 50.4299, 54.9758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6914, 54.7302, 59.3528 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(136, 209, 194)` looks like.

```
.text, #text, p{  
    color:rgb(136, 209, 194)  
}
```

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(136, 209, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 209, 194) }
```

Border

The CSS property to change the border of an element to XYZ 42.6914, 54.7302, 59.3528 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(136, 209, 194) }
```


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

```
.border{ border-color:rgb(136, 209, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 209, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 209, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 209, 194);  
box-shadow:4px 4px 4px 4px rgb(136, 209,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6914, 54.7302, 59.3528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 209, 194) }
```

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

```
.background{ background-color: rgb(136,  
209, 194) }
```

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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