

Converting Colors

XYZ(42.1934, 52.8014, 69.5959)

Have a look what the booklet for
XYZ(42.1934, 52.8014, 69.5959)
contains.

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Color

**XYZ(42.1934, 52.8014,
69.5959)**

Conversions

Conversions Part 1

Format	Color
Hex	7ECDD3
RGB	126, 205, 211
RGB Percent	49%, 80%, 83%
CMY	0.5059, 0.1961, 0.1725
CMYK	0.40, 0.03, 0.00, 0.17
HSL	184°, 49%, 66%
HSV	184°, 40%, 83%
XYZ	42.1934, 52.8014, 69.5959
YIQ	182.0630, -49.0100, -14.8820

Conversions

Conversions Part 2

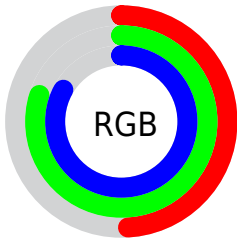
Format	Color
R _{YB}	126, 167, 211
Decimal	8310227
CIE Lab	77.76, -22.71, -10.63
CIE LCh	78, 25.071, 205.087
Yxy	52.8014, 0.2564, 0.3208
Android (android.graphics.Color)	4286500307 (0xFF7ECDD3)
YUV	182.0630, 14.2659, -49.1673
Hunter-Lab	72.6646, -23.5152, -5.9209

Details

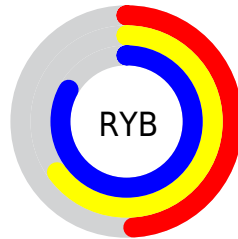
The XYZ color **42.1934, 52.8014, 69.5959** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **38.8820, 31.8586, 23.8400**, and the grayscale version is **44.4429, 46.7574, 50.9188**.

A 20% lighter version of the original color is **73.1014, 88.6851, 107.8728**, and **19.6782, 25.8696, 35.8545** is the 20% darker color. If you saturate the color by 10%, you get **39.0501, 50.6560, 69.3484**, and if you desaturate by 10%, it is **45.9994, 55.2960, 69.8777**.

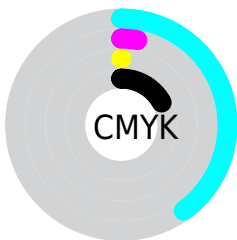
Distribution



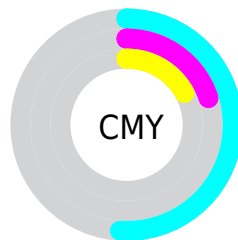
- Red (49%)
- Green (80%)
- Blue (83%)



- Red (49%)
- Yellow (65%)
- Blue (83%)



- Cyan (40%)
- Magenta (3%)
- Yellow (0%)
- Black (17%)



- Cyan (51%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.1934, 52.8014, 69.5959 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 42.1934, 52.8014, 69.5959 by changing the saturation by 10% instead.

■ 42.1934, 52.8014,
69.5959

■ 42.1934, 52.8014,
69.5959

346.2620,
397.5227, 477.8806

■ 29.4445, 37.6443,
50.7224

■ 77.7556, 94.3121,
120.3080

■ 19.5633, 25.7067,
35.6125

■ 101.2996,
121.4344, 152.9837

■ 12.1844, 16.6043,
23.8478

■ 129.1727,
153.3139, 191.0972

■ 6.9425, 9.9528,
15.0096

161.7402,
190.3349, 235.0670

■ 3.4722, 5.3677,
8.6794

199.3676,
232.8819, 285.3117

■ 1.4081, 2.4646,
4.4387

242.4201,

■ 0.2620, 0.8588,

281.3393, 342.2499

1.8690

291.2631,
336.0914, 406.3000

■ 0.0000, 0.0000,
0.4729

■ 0.0000, 0.0000,
0.0000

■ 42.1934, 52.8014,
69.5959

■ 42.1934, 52.8014,
69.5959

■ 39.0501, 50.6560,
69.3484

■ 45.9994, 55.2960,
69.8777

■ 36.5232, 48.8321,
69.1295


■ 50.5014, 58.1532,
70.1919


■ 34.5679, 47.3078,
68.9384


■ 55.7360, 61.3931,
70.5414


■ 33.1312, 46.0560,
68.7724


■ 61.7359, 65.0326,
70.9277


 32.1503, 45.0440,
68.6288


 68.5319, 69.0876,
71.3522

 31.5232, 44.2336,
68.5054

 76.1530, 73.5731,
71.8163

 77.4071, 74.7814,
71.9834

 77.7890, 75.5452,
72.1107

 78.1744, 76.3158,
72.2391

Harmonies

Analogous

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



41.4435, 52.8014, 55.2313



42.1934, 52.8014, 69.5959



45.0280, 52.8014, 82.3354

Triad

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



42.1934, 52.8014, 69.5959



58.2417, 52.8014, 74.2005



50.9903, 52.8014, 34.7464

Complementary

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



42.1934, 52.8014, 69.5959



38.8820, 31.8586, 23.8400

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.



55.7239, 52.8014, 38.2277



42.1934, 52.8014, 69.5959



60.0792, 52.8014, 59.8130

Square

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



42.1934, 52.8014, 69.5959



54.2515, 52.8014, 85.2802



59.1294, 52.8014, 46.8793



46.3291, 52.8014, 36.5090

Rectangle

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



42.1934, 52.8014, 69.5959



47.8207, 52.8014, 87.4081



59.1294, 52.8014, 46.8793



52.6284, 52.8014, 35.3233

Sweetspot

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



42.1950, 52.8035, 69.5971



83.9896, 93.2813, 108.1861



36.0417, 52.6821, 29.9808



17.7420, 19.8212, 23.1407



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.



42.1950, 52.8035, 69.5971



60.7260, 78.3065, 106.5218



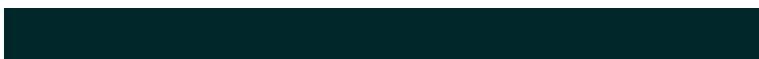
33.4309, 35.2754, 66.6758



12.0840, 13.2583, 15.1659



19.0556, 26.7578, 41.3529



1.0873, 1.5399, 2.3195

Inverse Universe

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



45.3456, 33.1798, 61.7742



66.2632, 44.6019, 92.5976



45.7993, 45.6931, 26.1458



12.2733, 11.9941, 14.7150



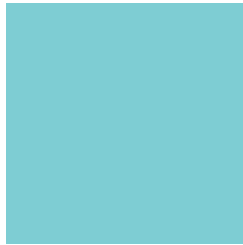
22.2491, 10.7725, 32.5476



1.2551, 0.6067, 1.8780

Previews

White Background



This preview shows how the XYZ color 42.1934, 52.8014, 69.5959 looks on a white background.

Color Contrast Check

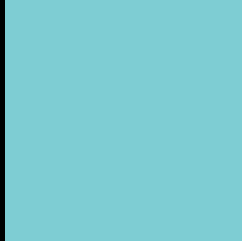
Large Text (above 18pt) WCAG AA × Fail

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 42.1934, 52.8014, 69.5959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

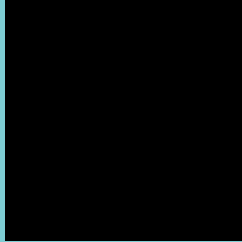
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.1934, 52.8014, 69.5959

Background



This preview shows how black text looks on a background with the XYZ color 42.1934, 52.8014, 69.5959.



This preview shows how white text looks on a background with the XYZ color 42.1934, 52.8014,

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

42.1934, 52.8014, 69.5959

Protanopia

50.8124, 52.2976, 63.2935

Deuteranopia

53.3778, 52.1662, 71.5458



Tritanopia

43.4132, 52.9422, 75.6409

Trichromacy



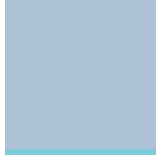
Original Color

42.1934, 52.8014, 69.5959



Protanomaly

46.6830, 51.7628, 65.2884



Deuteranomaly

48.2208, 51.7656, 71.0686



Tritanomaly

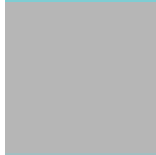
42.8696, 52.7075, 73.5597

Monochromacy



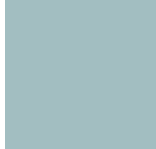
Original Color

42.1934, 52.8014, 69.5959



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

42.9394, 48.3585, 57.5231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1934, 52.8014, 69.5959 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(126, 205, 211)` looks like.

```
.text, #text, p{  
    color:rgb(126, 205, 211)  
}
```

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(126, 205, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 205, 211) }
```

Border

The CSS property to change the border of an element to XYZ 42.1934, 52.8014, 69.5959 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(126, 205, 211) }
```


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

```
.border{ border-color:rgb(126, 205, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 205, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 205, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 205, 211);  
box-shadow:4px 4px 4px 4px rgb(126, 205,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1934, 52.8014, 69.5959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 205, 211) }
```

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

```
.background{ background-color: rgb(126,  
205, 211) }
```

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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