

Converting Colors

XYZ(35.9743, 41.1332, 54.4201)

Have a look what the booklet for
XYZ(35.9743, 41.1332, 54.4201)
contains.

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Color

**XYZ(35.9209, 41.0904,
54.1821)**

Conversions

Conversions Part 1

Format	Color
Hex	8CB2BD
RGB	140, 178, 189
RGB Percent	55%, 70%, 74%
CMY	0.4510, 0.3019, 0.2588
CMYK	0.26, 0.06, 0.00, 0.26
HSL	193°, 27%, 65%
HSV	193°, 26%, 74%
XYZ	35.9209, 41.0904, 54.1821
YIQ	167.8920, -26.1790, -4.6350

Conversions

Conversions Part 2

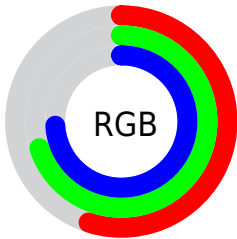
Format	Color
RYB	140, 161, 189
Decimal	9220797
CIELab	70.24, -10.22, -9.80
CIElCh	70, 14.161, 223.789
Yxy	41.0904, 0.2738, 0.3132
Android (android.graphics.Color)	4287410877 (0xFF8CB2BD)
YUV	167.8920, 10.4062, -24.4613
Hunter-Lab	64.1018, -12.1516, -5.2437

Details

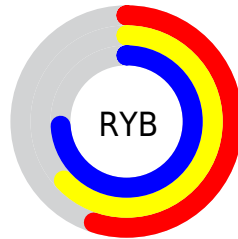
The XYZ color **35.9209, 41.0904, 54.1821** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.7869, 34.8455, 29.5987**, and the grayscale version is **37.1272, 39.0607, 42.5371**.

A 20% lighter version of the original color is **68.4099, 77.0403, 97.6509**, and **15.8021, 18.5195, 26.0343** is the 20% darker color. If you saturate the color by 10%, you get **32.1749, 37.9266, 53.7695**, and if you desaturate by 10%, it is **40.2424, 44.5917, 54.6308**.

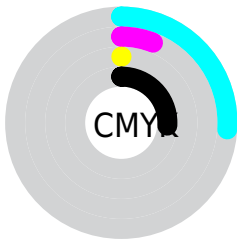
Distribution



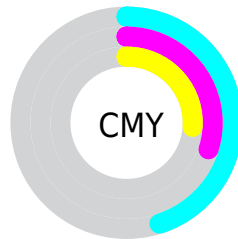
- Red (55%)
- Green (70%)
- Blue (74%)



- Red (55%)
- Yellow (63%)
- Blue (74%)



- Cyan (26%)
- Magenta (6%)
- Yellow (0%)
- Black (26%)



- Cyan (45%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9209, 41.0904, 54.1821 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 35.9209, 41.0904, 54.1821 by changing the saturation by 10% instead.

■ 35.9209, 41.0904,
54.1821

■ 35.9209, 41.0904,
54.1821

320.0520,
350.6983, 419.9983

■ 24.5429, 28.3897,
38.3531

■ 68.2346, 76.8211,
97.8007

■ 15.8638, 18.6196,
25.9529

■ 89.9011, 100.6199,
126.4273

■ 9.5180, 11.3958,
16.5630

■ 115.7278,
128.8869, 160.1569

■ 5.1404, 6.3337,
9.7647

146.0801,
162.0065, 199.4080

■ 2.3655, 3.0490,
5.1397

181.3233,
200.3630, 244.5992

■ 0.8279, 1.1574,
2.2693

221.8227,

■ 0.0000, 0.0265,

244.3409, 296.1489

0.7139

267.9438,
294.3245, 354.4758

■ 0.0000, 0.0000,
0.0000

■ 35.9209, 41.0904,
54.1821

■ 35.9209, 41.0904,
54.1821

■ 32.1749, 37.9266,
53.7695

■ 40.2424, 44.5917,
54.6308

■ 28.9727, 35.0805,
53.3890

■ 45.1620, 48.4394,
55.1142

■ 26.2847, 32.5375,
53.0398

■ 50.7054, 52.6481,
55.6344

■ 24.0771, 30.2799,
52.7204

■ 56.8958, 57.2301,
56.1926

■ 22.3119, 28.2877,
52.4289

■ 63.7550, 62.1970,
56.7898

■ 20.9450, 26.5378,
52.1632

■ 71.3039, 67.5599,
57.4270

■ 19.9204, 25.0010,
51.9205

■ 72.9077, 69.8986,
57.7939

■ 19.5542, 24.4116,
51.8261

■ 73.9538, 71.9909,
58.1426

■ 75.0279, 74.1390,
58.5006

Harmonies

Analogous

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



34.8788, 41.0904, 47.8570



35.9209, 41.0904, 54.1821



37.8223, 41.0904, 58.1718

Triad

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



35.9209, 41.0904, 54.1821



43.4998, 41.0904, 48.4048



38.0010, 41.0904, 33.4388

Complementary

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



35.9209, 41.0904, 54.1821



36.7869, 34.8455, 29.5987

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.



40.3145, 41.0904, 33.5541



35.9209, 41.0904, 54.1821



43.5523, 41.0904, 41.7623

Square

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



35.9209, 41.0904, 54.1821



42.2260, 41.0904, 54.6172



42.3667, 41.0904, 36.4648



36.0472, 41.0904, 36.1325

Rectangle

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



35.9209, 41.0904, 54.1821



39.3509, 41.0904, 58.7459



42.3667, 41.0904, 36.4648



38.7610, 41.0904, 33.1592

Sweetspot

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



35.9221, 41.0921, 54.1830



78.8489, 85.1813, 98.5121



34.5684, 44.1933, 35.8242



16.6628, 18.0899, 21.1560



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.



35.9221, 41.0921, 54.1830



60.4737, 70.3646, 96.6206



31.5377, 32.3231, 52.7215



9.6220, 10.4364, 12.1795



13.2155, 16.5428, 34.8894



0.5632, 0.7391, 1.3818

Inverse Universe

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



38.4012, 32.7902, 46.4266



65.7294, 53.3083, 80.0549



41.0733, 43.4184, 31.0275



9.8358, 9.6586, 11.5245



17.6714, 8.6997, 19.3608



0.7152, 0.3500, 0.8795

Previews

White Background



This preview shows how the XYZ color 35.9209, 41.0904, 54.1821 looks on a white background.

Color Contrast Check

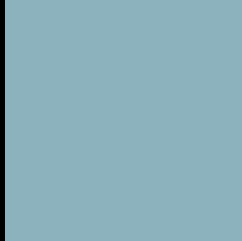
Large Text (above 18pt) WCAG AA × Fail

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 35.9209, 41.0904, 54.1821 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

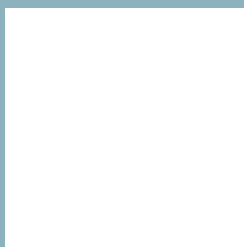
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.9209, 41.0904, 54.1821

Background



This preview shows how black text looks on a background with the XYZ color 35.9209, 41.0904, 54.1821.

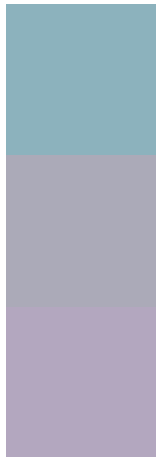


This preview shows how white text looks on a background with the XYZ color 35.9209, 41.0904,

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

35.9209, 41.0904, 54.1821

Protanopia

39.8210, 40.8681, 51.1369

Deuteranopia

41.8131, 40.9827, 54.9969



Tritanopia

36.4193, 41.3093, 55.9232

Trichromacy



Original Color

35.9209, 41.0904, 54.1821

Protanomaly

38.3037, 40.9059, 52.3312

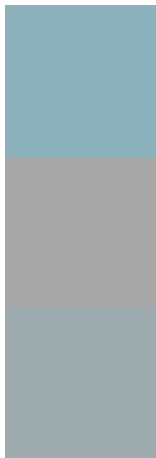
Deuteranomaly

39.3742, 40.8429, 54.5234

Tritanomaly

36.3089, 41.2651, 55.3415

Monochromacy



Original Color

35.9209, 41.0904, 54.1821

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.6895, 39.9087, 46.8437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9209, 41.0904, 54.1821 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(140, 178, 189)` looks like.

```
.text, #text, p{  
    color:rgb(140, 178, 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(140, 178, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 178, 189) }
```

Border

The CSS property to change the border of an element to XYZ 35.9209, 41.0904, 54.1821 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(140, 178, 189) }
```


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

```
.border{ border-color:rgb(140, 178, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 178, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 178, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 178, 189);  
box-shadow:4px 4px 4px 4px rgb(140, 178,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9209, 41.0904, 54.1821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 178, 189) }
```

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

```
.background{ background-color: rgb(140,  
178, 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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