

Converting Colors

XYZ(35.4746, 40.1169, 53.3602)

Have a look what the booklet for
XYZ(35.4746, 40.1169, 53.3602)
contains.

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Color

**XYZ(35.3916, 39.9535,
53.4234)**

Conversions

Conversions Part 1

Format	Color
Hex	8DAFBC
RGB	141, 175, 188
RGB Percent	55%, 69%, 74%
CMY	0.4470, 0.3137, 0.2627
CMYK	0.25, 0.07, 0.00, 0.26
HSL	197°, 26%, 65%
HSV	197°, 25%, 74%
XYZ	35.3916, 39.9535, 53.4234
YIQ	166.3160, -24.4370, -3.1650

Conversions

Conversions Part 2

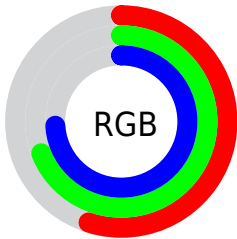
Format	Color
RYB	141, 161, 188
Decimal	9285564
CIELab	69.44, -8.55, -10.44
CIElCh	69, 13.492, 230.696
Yxy	39.9535, 0.2748, 0.3103
Android (android.graphics.Color)	4287475644 (0xFF8DAFBC)
YUV	166.3160, 10.6902, -22.2021
Hunter-Lab	63.2088, -10.6704, -5.8651

Details

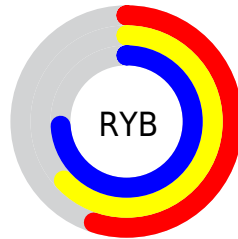
The XYZ color **35.3916, 39.9535, 53.4234** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.1029, 35.7259, 30.1405**, and the grayscale version is **36.3577, 38.2511, 41.6555**.

A 20% lighter version of the original color is **67.4107, 75.2856, 96.5666**, and **15.6726, 18.0888, 25.5871** is the 20% darker color. If you saturate the color by 10%, you get **31.4700, 36.4593, 52.9563**, and if you desaturate by 10%, it is **39.8972, 43.8086, 53.9307**.

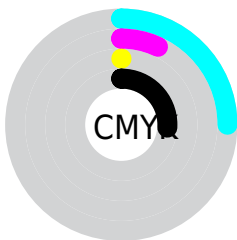
Distribution



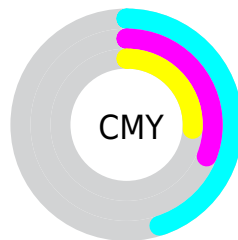
- Red (55%)
- Green (69%)
- Blue (74%)



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



- Cyan (25%)
- Magenta (7%)
- Yellow (0%)
- Black (26%)



- Cyan (45%)
- Magenta (31%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3916, 39.9535, 53.4234 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 35.3916, 39.9535, 53.4234 by changing the saturation by 10% instead.

■ 35.3916, 39.9535,
53.4234

■ 35.3916, 39.9535,
53.4234

317.7713,
345.9275, 417.0197

■ 24.1326, 27.5023,
37.7508

■ 67.4220, 75.0927,
96.6750

■ 15.5573, 17.9508,
25.4890

■ 88.9241, 98.5495,
125.0910

■ 9.3003, 10.9147,
16.2194

■ 114.5714,
126.4436, 158.5920

■ 4.9962, 6.0095,
9.5235

144.7290,
159.1594, 197.5965

■ 2.2798, 2.8509,
4.9828

179.7625,
197.0813, 242.5229

■ 0.7843, 1.0544,
2.1786

220.0371,

■ 0.0000, 0.0000,

240.5937, 293.7899

0.6620

265.9183,
290.0810, 351.8160

■ 0.0000, 0.0000,
0.0000

■ 35.3916, 39.9535,
53.4234

■ 35.3916, 39.9535,
53.4234

■ 31.4700, 36.4593,
52.9563

■ 39.8972, 43.8086,
53.9307

■ 28.1010, 33.3063,
52.5253

■ 45.0091, 48.0337,
54.4768

■ 25.2555, 30.4796,
52.1297

■ 50.7528, 52.6436,
55.0639

■ 22.9004, 27.9617,
51.7678

■ 57.1511, 57.6507,
55.6931

■ 20.9982, 25.7324,
51.4377

■ 64.2258, 63.0668,
56.3656

■ 19.5058, 23.7690,
51.1374

■ 71.9975, 68.9031,
57.0826

■ 18.3710, 22.0437,
50.8642

■ 73.7106, 71.6776,
57.5278

■ 17.8826, 21.2416,
50.7351

■ 75.0265, 74.3094,
57.9664

■ 76.3846, 77.0256,
58.4191

Harmonies

Analogous

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



34.2023, 39.9535, 47.8654



35.3916, 39.9535, 53.4234



37.3038, 39.9535, 56.3974

Triad

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



35.3916, 39.9535, 53.4234



42.2443, 39.9535, 45.4639



36.5185, 39.9535, 33.2510

Complementary

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



35.3916, 39.9535, 53.4234



37.1029, 35.7259, 30.1405

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.



38.6534, 39.9535, 32.7402



35.3916, 39.9535, 53.4234



42.0145, 39.9535, 39.4133

Square

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



35.3916, 39.9535, 53.4234



41.2968, 39.9535, 51.5223



40.6803, 39.9535, 34.8929



34.8356, 39.9535, 36.3615

Rectangle

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



35.3916, 39.9535, 53.4234



38.7546, 39.9535, 56.3375



40.6803, 39.9535, 34.8929



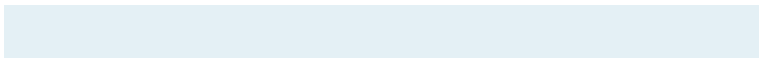
37.2052, 39.9535, 32.7820

Sweetspot

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



35.3928, 39.9551, 53.4243



79.5174, 85.3755, 98.5143



34.7625, 43.9475, 37.0199



16.9769, 18.2588, 21.1721



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.



35.3928, 39.9551, 53.4243



60.1115, 68.8538, 96.3481



31.2853, 31.7402, 52.0552



9.5794, 10.3512, 12.1653



12.2401, 14.5919, 34.5643



0.5316, 0.6759, 1.3713

Inverse Universe

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



38.0028, 32.8373, 44.8945



65.7385, 54.0470, 77.8371



41.2762, 44.0727, 31.5317



9.8143, 9.6500, 11.4113



17.1790, 8.5027, 16.7680



0.6992, 0.3436, 0.7955

Previews

White Background



This preview shows how the XYZ color 35.3916, 39.9535, 53.4234 looks on a white background.

Color Contrast Check

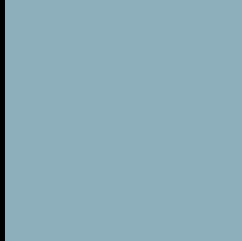
Large Text (above 18pt) WCAG AA × Fail

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 35.3916, 39.9535, 53.4234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

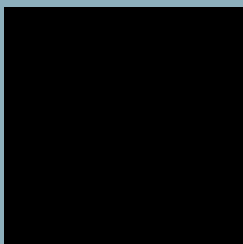
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

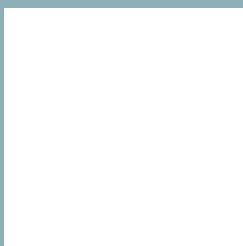
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.3916, 39.9535, 53.4234

Background



This preview shows how black text looks on a background with the XYZ color 35.3916, 39.9535, 53.4234.



This preview shows how white text looks on a background with the XYZ color 35.3916, 39.9535,

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

35.3916, 39.9535, 53.4234

Protanopia

38.8028, 39.7908, 50.9827

Deuteranopia

40.6539, 39.8581, 54.2659



Tritanopia

35.4998, 39.9968, 53.9932

Trichromacy



Original Color

35.3916, 39.9535, 53.4234

Protanomaly

37.4204, 39.8977, 51.6277

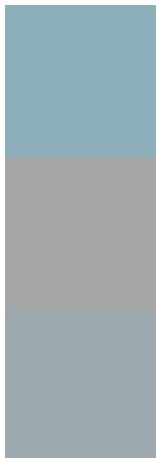
Deuteranomaly

38.4775, 39.8366, 53.8054

Tritanomaly

35.4998, 39.9968, 53.9932

Monochromacy



Original Color

35.3916, 39.9535, 53.4234

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.7326, 38.6000, 45.6116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3916, 39.9535, 53.4234 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(141, 175, 188)` looks like.

```
.text, #text, p{  
    color:rgb(141, 175, 188)  
}
```

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(141, 175, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 175, 188) }
```

Border

The CSS property to change the border of an element to XYZ 35.3916, 39.9535, 53.4234 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(141, 175, 188) }
```


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

```
.border{ border-color:rgb(141, 175, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 175, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 175, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 175, 188);  
box-shadow:4px 4px 4px 4px rgb(141, 175,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3916, 39.9535, 53.4234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 175, 188) }
```

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

```
.background{ background-color: rgb(141,  
175, 188) }
```

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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