

Converting Colors

XYZ(35.8466, 41.5741, 49.3017)

Have a look what the booklet for
XYZ(35.8466, 41.5741, 49.3017)
contains.

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Color

**XYZ(35.6860, 41.3751,
49.2854)**

Conversions

Conversions Part 1

Format	Color
Hex	8FB3B4
RGB	143, 179, 180
RGB Percent	56%, 70%, 71%
CMY	0.4392, 0.2980, 0.2941
CMYK	0.21, 0.01, 0.00, 0.29
HSL	182°, 20%, 63%
HSV	182°, 21%, 71%
XYZ	35.6860, 41.3751, 49.2854
YIQ	168.3500, -21.7770, -7.3210

Conversions

Conversions Part 2

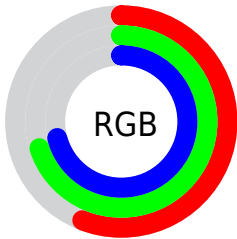
Format	Color
RYB	143, 161, 180
Decimal	9417652
CIELab	70.44, -11.87, -4.53
CIElCh	70, 12.704, 200.894
Yxy	41.3751, 0.2824, 0.3275
Android (android.graphics.Color)	4287607732 (0xFF8FB3B4)
YUV	168.3500, 5.7435, -22.2319
Hunter-Lab	64.3235, -13.5361, -0.4023

Details

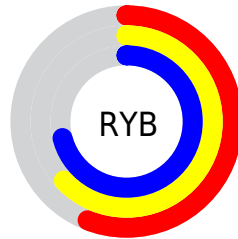
The XYZ color **35.6860, 41.3751, 49.2854** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.7540, 31.6331, 30.3141**, and the grayscale version is **37.3727, 39.3190, 42.8184**.

A 20% lighter version of the original color is **67.8746, 77.3431, 90.7082**, and **15.7053, 18.7293, 22.8660** is the 20% darker color. If you saturate the color by 10%, you get **32.7198, 39.7028, 49.1196**, and if you desaturate by 10%, it is **39.1550, 43.3092, 49.4766**.

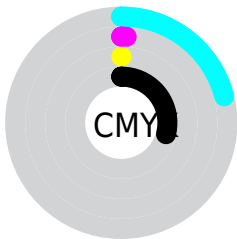
Distribution



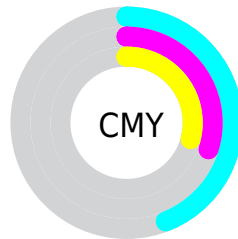
- Red (56%)
- Green (70%)
- Blue (71%)



- Red (56%)
- Yellow (63%)
- Blue (71%)



- Cyan (21%)
- Magenta (1%)
- Yellow (0%)
- Black (29%)



- Cyan (44%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6860, 41.3751, 49.2854 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 35.6860, 41.3751, 49.2854 by changing the saturation by 10% instead.

■ 35.6860, 41.3751,
49.2854

■ 35.6860, 41.3751,
49.2854

319.0413,
351.8859, 400.5195

■ 24.3608, 28.6123,
34.4787

■ 67.8742, 77.2530,
90.5006

■ 15.7276, 18.7877,
22.9813

■ 89.4678, 101.1369,
117.7461

■ 9.4213, 11.5170,
14.3745

115.2150,
129.4965, 149.9751

■ 5.0763, 6.4157,
8.2399

145.4811,
162.7164, 187.6060

■ 2.3273, 3.0995,
4.1589

180.6314,
201.1809, 231.0573

■ 0.8086, 1.1839,
1.7129

221.0313,

■ 0.0000, 0.0485,

245.2744, 280.7477

0.3695

267.0461,
295.3812, 337.0955

■ 0.0000, 0.0000,
0.0000

■ 35.6860, 41.3751,
49.2854

■ 35.6860, 41.3751,
49.2854

■ 32.7198, 39.7028,
49.1196

■ 39.1550, 43.3092,
49.4766

■ 30.2289, 38.2751,
48.9753

■ 43.1454, 45.5115,
49.6913

■ 28.1888, 37.0802,
48.8522

■ 47.6792, 47.9945,
49.9316

■ 26.5714, 36.1038,
48.7490

■ 52.7761, 50.7683,
50.1984

■ 25.3453, 35.3295,
48.6642

■ 58.4551, 53.8426,
50.4925

■ 24.4747, 34.7391,
48.5961

■ 64.7338, 57.2266,
50.8147

■ 23.9177, 34.3108,
48.5428

■ 66.2886, 58.1759,
50.9160

■ 23.5970, 34.0127,
48.5021

■ 66.3885, 58.3756,
50.9493

■ 66.4887, 58.5761,
50.9827

Harmonies

Analogous

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



35.4860, 41.3751, 43.2516



35.6860, 41.3751, 49.2854



36.8426, 41.3751, 54.5948

Triad

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



35.6860, 41.3751, 49.2854



42.5307, 41.3751, 52.7151



39.9659, 41.3751, 34.6054

Complementary

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



35.6860, 41.3751, 49.2854



33.7540, 31.6331, 30.3141

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.



41.9182, 41.3751, 36.6888



35.6860, 41.3751, 49.2854



43.4331, 41.3751, 46.8985

Square

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



35.6860, 41.3751, 49.2854



40.7780, 41.3751, 56.6937



43.2050, 41.3751, 41.0653



37.9085, 41.3751, 35.1216

Rectangle

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



35.6860, 41.3751, 49.2854



38.0237, 41.3751, 56.8371



43.2050, 41.3751, 41.0653



40.6573, 41.3751, 35.0175

Sweetspot

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



35.6872, 41.3768, 49.2863



74.0973, 80.2438, 89.8779



32.6545, 40.4848, 32.3263



15.9166, 17.2892, 19.4205



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



35.6872, 41.3768, 49.2863



61.9750, 73.4876, 89.2127



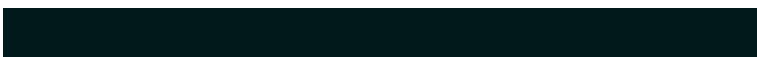
32.2912, 34.5847, 48.1543



8.7226, 9.5914, 10.8979



16.4773, 23.7550, 33.8537



0.5245, 0.7596, 1.0672

Inverse Universe

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



36.7825, 32.6038, 47.0042



64.3552, 54.5095, 84.2341



36.7220, 37.5690, 31.3035



8.8399, 8.6427, 10.6555



18.5516, 8.9382, 29.1286



0.5868, 0.2825, 0.9327

Previews

White Background



This preview shows how the XYZ color 35.6860, 41.3751, 49.2854 looks on a white background.

Color Contrast Check

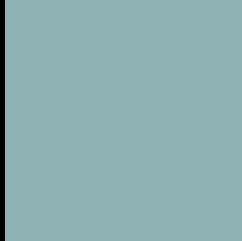
Large Text (above 18pt) WCAG AA × Fail

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 35.6860, 41.3751, 49.2854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

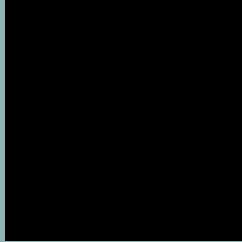
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.6860, 41.3751, 49.2854

Background



This preview shows how black text looks on a background with the XYZ color 35.6860, 41.3751, 49.2854.



This preview shows how white text looks on a background with the XYZ color 35.6860, 41.3751,

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

35.6860, 41.3751, 49.2854

Protanopia

39.7563, 41.2196, 46.4182

Deuteranopia

42.1331, 41.2467, 50.5405



Tritanopia

36.8032, 41.2256, 55.3078

Trichromacy



Original Color

35.6860, 41.3751, 49.2854

Protanomaly

38.1761, 41.2330, 47.5416

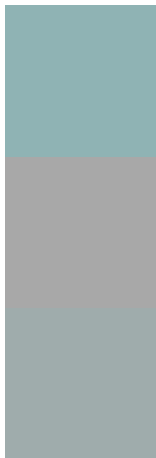
Deuteranomaly

39.3686, 40.9382, 50.0829

Tritanomaly

36.3916, 41.3579, 53.0785

Monochromacy



Original Color

35.6860, 41.3751, 49.2854

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.4970, 39.8545, 44.7988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6860, 41.3751, 49.2854 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(143, 179, 180)` looks like.

```
.text, #text, p{  
    color:rgb(143, 179, 180)  
}
```

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(143, 179, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 179, 180) }
```

Border

The CSS property to change the border of an element to XYZ 35.6860, 41.3751, 49.2854 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(143, 179, 180) }
```


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

```
.border{ border-color:rgb(143, 179, 180) }
```

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

Here you see how a box with a 4 pixel rgb(143, 179, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 179, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 179, 180);  
box-shadow:4px 4px 4px 4px rgb(143, 179,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6860, 41.3751, 49.2854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 179, 180) }
```

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

```
.background{ background-color: rgb(143,  
179, 180) }
```

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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