

Converting Colors

XYZ(35.3771, 40.2768, 46.3919)

Have a look what the booklet for
XYZ(35.3771, 40.2768, 46.3919)
contains.

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Color

**XYZ(35.4759, 40.4417,
46.4937)**

Conversions

Conversions Part 1

Format	Color
Hex	94B0AF
RGB	148, 176, 175
RGB Percent	58%, 69%, 69%
CMY	0.4196, 0.3098, 0.3137
CMYK	0.16, 0.00, 0.01, 0.31
HSL	178°, 15%, 64%
HSV	178°, 16%, 69%
XYZ	35.4759, 40.4417, 46.4937
YIQ	167.5140, -16.3670, -6.2470

Conversions

Conversions Part 2

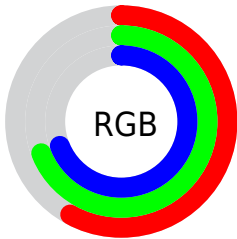
Format	Color
RYB	148, 162, 176
Decimal	9744559
CIELab	69.78, -9.75, -2.70
CIELCh	70, 10.123, 195.493
Yxy	40.4417, 0.2898, 0.3304
Android (android.graphics.Color)	4287934639 (0xFF94B0AF)
YUV	167.5140, 3.6906, -17.1138
Hunter-Lab	63.5938, -11.7126, 1.1685

Details

The XYZ color **35.4759, 40.4417, 46.4937** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.9206, 32.5809, 32.9363**, and the grayscale version is **36.9705, 38.8959, 42.3576**.

A 20% lighter version of the original color is **67.4967, 75.9830, 85.9716**, and **15.5879, 18.1374, 21.4182** is the 20% darker color. If you saturate the color by 10%, you get **32.4699, 38.9002, 46.0315**, and if you desaturate by 10%, it is **38.9686, 42.2362, 46.9819**.

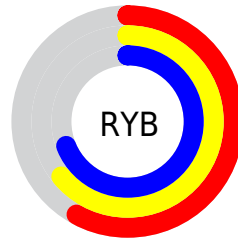
Distribution



Red (58%)

Green (69%)

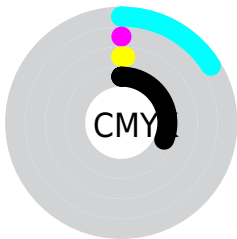
Blue (69%)



Red (58%)

Yellow (64%)

Blue (69%)

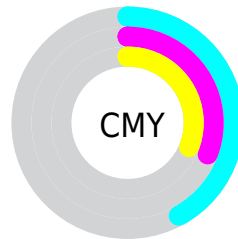


Cyan (16%)

Magenta (0%)

Yellow (1%)

Black (31%)



Cyan (42%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4759, 40.4417, 46.4937 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 35.4759, 40.4417, 46.4937 by changing the saturation by 10% instead.

■ 35.4759, 40.4417,
46.4937

■ 35.4759, 40.4417,
46.4937

318.1353,
347.9818, 389.1250

■ 24.1979, 27.8831,
32.2841

■ 67.5515, 75.8356,
86.2994

■ 15.6060, 18.2376,
21.3120

■ 89.0799, 99.4398,
112.7327

■ 9.3349, 11.1207,
13.1588

114.7558,
127.4946, 144.0775

■ 5.0191, 6.1481,
7.4060

144.9445,
160.3844, 180.7525

■ 2.2933, 2.9353,
3.6350

180.0115,
198.4936, 223.1762

■ 0.7913, 1.0981,
1.4273

220.3221,

■ 0.0000, 0.0000,

242.2066, 271.7672

0.1629

266.2415,
291.9079, 326.9440

■ 0.0000, 0.0000,
0.0000

■ 35.4759, 40.4417,
46.4937

■ 35.4759, 40.4417,
46.4937

■ 32.4699, 38.9002,
46.0315

■ 38.9686, 42.2362,
46.9819

■ 29.9253, 37.5956,
45.5916

■ 42.9650, 44.2892,
47.4942

■ 27.8198, 36.5172,
45.1738

■ 47.4854, 46.6123,
48.0327

■ 26.1280, 35.6521,
44.7767

■ 52.5481, 49.2149,
48.5980

■ 24.8216, 34.9856,
44.3993

■ 58.1704, 52.1060,
49.1910

■ 23.8691, 34.5015,
44.0399

■ 64.3689, 55.2941,
49.8125

■ 23.2337, 34.1810,
43.6968

■ 64.9445, 55.5835,
50.1724

■ 22.8681, 33.9994,
43.3679

■ 65.0086, 55.6091,
50.5098

■ 22.7537, 33.9432,
43.2354

■ 65.0730, 55.6349,
50.8488

Harmonies

Analogous

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



35.4626, 40.4417, 41.8079



35.4759, 40.4417, 46.4937



36.2678, 40.4417, 50.8020

Triad

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



35.4759, 40.4417, 46.4937



40.7343, 40.4417, 50.6811



39.2349, 40.4417, 35.8482

Complementary

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



35.4759, 40.4417, 46.4937



33.9206, 32.5809, 32.9363

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.



40.6944, 40.4417, 37.8957



35.4759, 40.4417, 46.4937



41.5767, 40.4417, 46.3380

Square

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



35.4759, 40.4417, 46.4937



39.2881, 40.4417, 53.3343



41.5619, 40.4417, 41.6629



37.6015, 40.4417, 35.8833

Rectangle

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



35.4759, 40.4417, 46.4937



37.1439, 40.4417, 52.7840



41.5619, 40.4417, 41.6629



39.7631, 40.4417, 36.3090

Sweetspot

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



35.4771, 40.4434, 46.4946



71.2341, 76.8871, 85.2803



33.3393, 39.6177, 33.9074



15.3362, 16.6106, 18.4681



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



35.4771, 40.4434, 46.4946



62.3772, 72.3397, 84.0297



33.2187, 35.7684, 46.2294



8.7292, 9.6262, 10.8339



16.6988, 24.9055, 31.7464



0.5295, 0.7853, 1.0202

Inverse Universe

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



33.9206, 32.5809, 32.9363



59.0282, 55.4214, 54.8564



35.9263, 36.7197, 33.2117



8.5083, 8.5100, 8.9090



13.1669, 6.7843, 0.7728



0.4183, 0.2151, 0.0457

Previews

White Background



This preview shows how the XYZ color 35.4759, 40.4417, 46.4937 looks on a white background.

Color Contrast Check

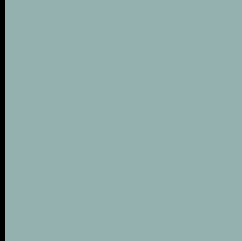
Large Text (above 18pt) WCAG AA × Fail

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 35.4759, 40.4417, 46.4937 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

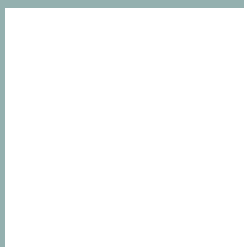
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.4759, 40.4417, 46.4937

Background



This preview shows how black text looks on a background with the XYZ color 35.4759, 40.4417, 46.4937.

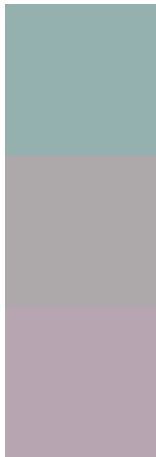


This preview shows how white text looks on a background with the XYZ color 35.4759, 40.4417,

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

35.4759, 40.4417, 46.4937

Protanopia

38.7722, 40.2004, 44.2440

Deuteranopia

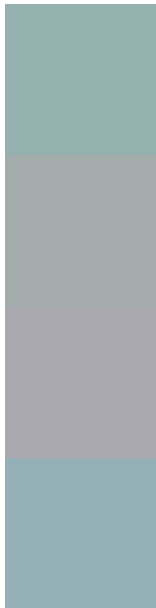
40.9194, 40.1519, 47.1884



Tritanopia

36.7908, 40.3870, 53.4333

Trichromacy



Original Color

35.4759, 40.4417, 46.4937

Protanomaly

37.5088, 40.3761, 44.8462

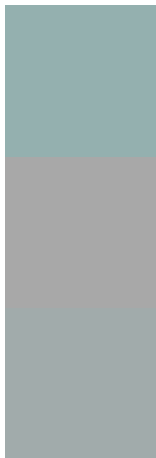
Deuteranomaly

38.6020, 40.0566, 46.7714

Tritanomaly

36.2716, 40.4684, 50.6992

Monochromacy



Original Color

35.4759, 40.4417, 46.4937

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.6115, 39.6432, 44.2503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4759, 40.4417, 46.4937 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(148, 176, 175) looks like.

```
.text, #text, p{  
    color:rgb(148, 176, 175)  
}
```

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(148, 176, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 176, 175) }
```

Border

The CSS property to change the border of an element to XYZ 35.4759, 40.4417, 46.4937 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(148, 176, 175) }
```


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

```
.border{ border-color:rgb(148, 176, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 176, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 176, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 176, 175);  
box-shadow:4px 4px 4px 4px rgb(148, 176,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4759, 40.4417, 46.4937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 176, 175) }
```

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

```
.background{ background-color: rgb(148,  
176, 175) }
```

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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