

Converting Colors

XYZ(36.0049, 40.6349, 43.0254)

Have a look what the booklet for
XYZ(36.0049, 40.6349, 43.0254)
contains.

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Color

**XYZ(35.9154, 40.4557,
42.9616)**

Conversions

Conversions Part 1

Format	Color
Hex	9BAFA8
RGB	155, 175, 168
RGB Percent	61%, 69%, 66%
CMY	0.3922, 0.3137, 0.3412
CMYK	0.11, 0.00, 0.04, 0.31
HSL	159°, 11%, 65%
HSV	159°, 11%, 69%
XYZ	35.9154, 40.4557, 42.9616
YIQ	168.2220, -9.6730, -6.4170

Conversions

Conversions Part 2

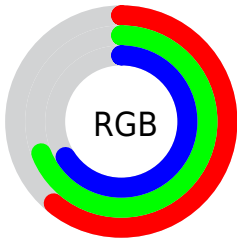
Format	Color
RYB	155, 167, 175
Decimal	10203048
CIELab	69.79, -8.32, 1.23
CIElCh	70, 8.407, 171.603
Yxy	40.4557, 0.3010, 0.3390
Android (android.graphics.Color)	4288393128 (0xFF9BAFA8)
YUV	168.2220, -0.1094, -11.5957
Hunter-Lab	63.6048, -10.5157, 4.4762

Details

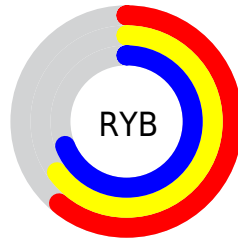
The XYZ color **35.9154, 40.4557, 42.9616** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.9236, 35.1662, 39.0786**, and the grayscale version is **37.3333, 39.2776, 42.7733**.

A 20% lighter version of the original color is **68.4735, 76.1812, 80.9075**, and **15.9443, 18.3699, 19.2284** is the 20% darker color. If you saturate the color by 10%, you get **32.2400, 38.6265, 39.8805**, and if you desaturate by 10%, it is **40.1068, 42.5500, 46.2090**.

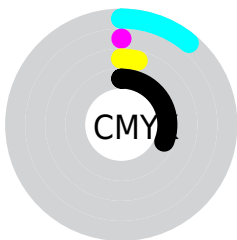
Distribution



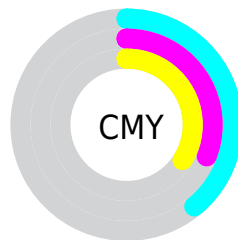
- Red (61%)
- Green (69%)
- Blue (66%)



- Red (61%)
- Yellow (65%)
- Blue (69%)



- Cyan (11%)
- Magenta (0%)
- Yellow (4%)
- Black (31%)





- Cyan (39%)
- Magenta (31%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9154, 40.4557, 42.9616 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 35.9154, 40.4557, 42.9616 by changing the saturation by 10% instead.


 35.9154, 40.4557,
42.9616


 35.9154, 40.4557,
42.9616


320.0283,
348.0406, 374.3704

 24.5387, 27.8940,
29.5238


 68.2262, 75.8569,
80.9386

 15.8606, 18.2458,
19.2285


 89.8910, 99.4653,
106.3150

 9.5158, 11.1266,
11.6570


115.7158,
127.5247, 136.5079

 5.1389, 6.1520,
6.3909

146.0661,
160.4194, 171.9360

 2.3646, 2.9378,
3.0116

181.3071,
198.5340, 213.0177

 0.8274, 1.0993,
1.1005

221.8042,

 0.0000, 0.0000,

242.2528, 260.1717

0.0000

267.9228,
291.9602, 313.8164

■ 35.9154, 40.4557,
42.9616

■ 35.9154, 40.4557,
42.9616

■ 32.2400, 38.6265,
39.8805

■ 40.1068, 42.5500,
46.2090

■ 29.0560, 37.0464,
36.9600

■ 44.8306, 44.9146,
49.6227

■ 26.3417, 35.7054,
34.1981

■ 50.1070, 47.5608,
53.2064

■ 24.0725, 34.5910,
31.5916

■ 55.9537, 50.4978,
56.9627

■ 22.2217, 33.6893,
29.1371

■ 62.3880, 53.7345,
60.8941

■ 20.7592, 32.9849,
26.8313

■ 67.5614, 56.3178,
64.9160

■ 19.6510, 32.4603,
24.6703

■ 68.3146, 56.6191,
68.8822

■ 18.8568, 32.0947,
22.6501

■ 69.0970, 56.9320,
73.0026

■ 18.3531, 31.8705,
21.0258

■ 69.9091, 57.2569,
77.2788

Harmonies

Analogous

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



36.4330, 40.4557, 39.5471



35.9154, 40.4557, 42.9616



36.0648, 40.4557, 46.8729

Triad

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



35.9154, 40.4557, 42.9616



39.4256, 40.4557, 51.4082



40.1039, 40.4557, 38.4213

Complementary

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



35.9154, 40.4557, 42.9616



35.9236, 35.1662, 39.0786

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.



40.9422, 40.4557, 41.3416



35.9154, 40.4557, 42.9616



40.5441, 40.4557, 48.8811

Square

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



35.9154, 40.4557, 42.9616



38.0702, 40.4557, 51.9053



41.1052, 40.4557, 45.1554



38.8362, 40.4557, 37.0290

Rectangle

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



35.9154, 40.4557, 42.9616



36.5240, 40.4557, 49.2268



41.1052, 40.4557, 45.1554



40.4465, 40.4557, 39.2483

Sweetspot

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



35.9165, 40.4574, 42.9625



70.5450, 75.5612, 81.7911



36.2158, 40.7447, 36.9665



15.5413, 16.7253, 18.0742



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.



35.9165, 40.4574, 42.9625



62.3791, 71.4854, 75.3587



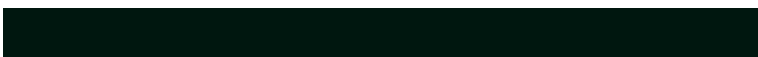
36.0728, 39.6975, 46.3207



8.1154, 9.0237, 9.6329



13.1725, 22.8343, 15.2140



0.3910, 0.6451, 0.5527

Inverse Universe

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



35.9236, 35.1662, 39.0786



62.3947, 59.9032, 66.8578



35.7669, 35.8217, 36.0400



8.1167, 8.0599, 8.9253



13.2957, 6.7808, 3.9366



0.3962, 0.1992, 0.2483

Previews

White Background



This preview shows how the XYZ color 35.9154, 40.4557, 42.9616 looks on a white background.

Color Contrast Check

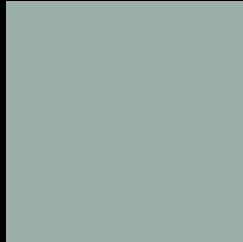
Large Text (above 18pt) WCAG AA × Fail

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 35.9154, 40.4557, 42.9616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

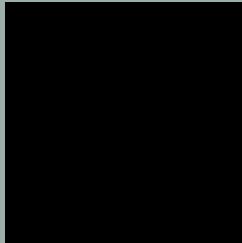
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

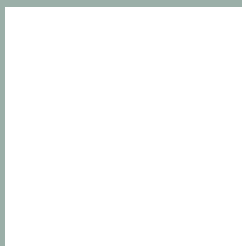
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.9154, 40.4557, 42.9616

Background



This preview shows how black text looks on a background with the XYZ color 35.9154, 40.4557, 42.9616.



This preview shows how white text looks on a background with the XYZ color 35.9154, 40.4557,

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

35.9154, 40.4557, 42.9616

Protanopia

38.6218, 40.4647, 41.3722

Deuteranopia

41.2043, 40.3773, 43.6521



Tritanopia

37.7160, 40.3193, 52.2489

Trichromacy



Original Color

35.9154, 40.4557, 42.9616

Protanomaly

37.5718, 40.4737, 41.9084

Deuteranomaly

39.0286, 40.3545, 43.2683

Tritanomaly

36.9849, 40.3099, 48.4791

Monochromacy



Original Color

35.9154, 40.4557, 42.9616

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.7351, 39.7395, 42.7801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9154, 40.4557, 42.9616 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(155, 175, 168)` looks like.

```
.text, #text, p{  
    color:rgb(155, 175, 168)  
}
```

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(155, 175, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 175, 168) }
```

Border

The CSS property to change the border of an element to XYZ 35.9154, 40.4557, 42.9616 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(155, 175, 168) }
```


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

```
.border{ border-color:rgb(155, 175, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 175, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 175, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 175, 168);  
box-shadow:4px 4px 4px 4px rgb(155, 175,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9154, 40.4557, 42.9616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 175, 168) }
```

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

```
.background{ background-color: rgb(155,  
175, 168) }
```

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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