

Converting Colors

XYZ(35.7986, 38.6329, 44.5704)

Have a look what the booklet for
XYZ(35.7986, 38.6329, 44.5704)
contains.

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Color

**XYZ(35.7349, 38.6236,
44.6014)**

Conversions

Conversions Part 1

Format	Color
Hex	9EA9AC
RGB	158, 169, 172
RGB Percent	62%, 66%, 67%
CMY	0.3804, 0.3372, 0.3255
CMYK	0.08, 0.02, 0.00, 0.33
HSL	193°, 8%, 65%
HSV	193°, 8%, 67%
XYZ	35.7349, 38.6236, 44.6014
YIQ	166.0530, -7.5190, -1.3990

Conversions

Conversions Part 2

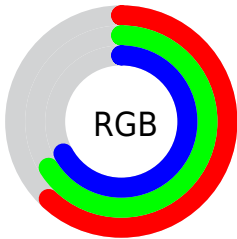
Format	Color
RYB	158, 164, 172
Decimal	10398124
CIELab	68.48, -3.25, -2.88
CIELCh	68, 4.348, 221.531
Yxy	38.6236, 0.3004, 0.3247
Android (android.graphics.Color)	4288588204 (0xFF9EA9AC)
YUV	166.0530, 2.9319, -7.0625
Hunter-Lab	62.1479, -6.1217, 0.9531

Details

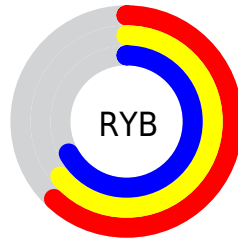
The XYZ color **35.7349, 38.6236, 44.6014** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.9298, 36.7287, 37.5440**, and the grayscale version is **36.2609, 38.1493, 41.5446**.

A 20% lighter version of the original color is **67.9614, 73.0035, 83.1822**, and **15.8149, 17.2044, 20.2566** is the 20% darker color. If you saturate the color by 10%, you get **31.9104, 35.6503, 44.2297**, and if you desaturate by 10%, it is **40.0544, 41.8829, 45.0034**.

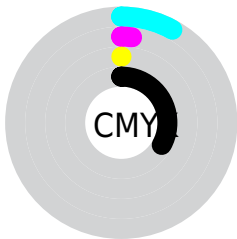
Distribution



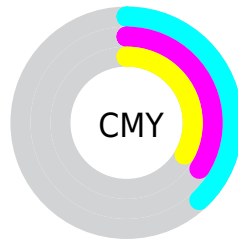
- Red (62%)
- Green (66%)
- Blue (67%)



- Red (62%)
- Yellow (64%)
- Blue (67%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (33%)



- Cyan (38%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7349, 38.6236, 44.6014 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 35.7349, 38.6236, 44.6014 by changing the saturation by 10% instead.

■ 35.7349, 38.6236,
44.6014

■ 35.7349, 38.6236,
44.6014

319.2518,
340.2875, 381.2698

■ 24.3987, 26.4670,
30.8029

■ 67.9492, 73.0630,
83.4340

■ 15.7560, 17.1734,
20.1916

■ 89.5581, 96.1145,
109.3053

■ 9.4414, 10.3582,
12.3490

115.3218,
123.5666, 140.0379

■ 5.0896, 5.6371,
6.8564

145.6059,
155.8035, 176.0503

■ 2.3352, 2.6257,
3.2954

180.7755,
193.2096, 217.7612

■ 0.8126, 0.9396,
1.2474

221.1962,

■ 0.0000, 0.0000,

236.1694, 265.5890

0.0181

267.2332,
285.0673, 319.9524

■ 0.0000, 0.0000,
0.0000

■ 35.7349, 38.6236,
44.6014

■ 35.7349, 38.6236,
44.6014

■ 31.9104, 35.6503,
44.2297

■ 40.0544, 41.8829,
45.0034

■ 28.5580, 32.9477,
43.8847

■ 44.8843, 45.4330,
45.4341

■ 25.6576, 30.5063,
43.5663

■ 50.2432, 49.2850,
45.8952

■ 23.1865, 28.3142,
43.2735

■ 56.1478, 53.4477,
46.3875

■ 21.1201, 26.3584,
43.0049

■ 62.6141, 57.9295,
46.9117

■ 19.4308, 24.6245,
42.7592

■ 67.3388, 61.5432,
47.3602

■ 18.0878, 23.0963,
42.5350

■ 68.1526, 63.1707,
47.6315

■ 17.0549, 21.7549,
42.3306

■ 68.9867, 64.8389,
47.9095

■ 16.2713, 20.5688,
42.1429

■ 69.8412, 66.5481,
48.1944

Harmonies

Analogous

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



35.4371, 38.6236, 42.8119



35.7349, 38.6236, 44.6014



36.2956, 38.6236, 45.7289

Triad

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



35.7349, 38.6236, 44.6014



37.9721, 38.6236, 43.2590



36.4483, 38.6236, 38.4712

Complementary

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



35.7349, 38.6236, 44.6014



35.9298, 36.7287, 37.5440

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.



37.1287, 38.6236, 38.5825



35.7349, 38.6236, 44.6014



38.0142, 38.6236, 41.3061

Square

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



35.7349, 38.6236, 44.6014



37.5894, 38.6236, 44.9374



37.7038, 38.6236, 39.6065



35.8455, 38.6236, 39.2977

Rectangle

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



35.7349, 38.6236, 44.6014



36.7457, 38.6236, 45.9329



37.7038, 38.6236, 39.6065



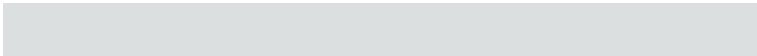
36.6754, 38.6236, 38.4009

Sweetspot

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



35.7360, 38.6252, 44.6023



69.5026, 73.6158, 81.3519



35.2691, 39.3409, 39.3611



15.1240, 16.0130, 17.6814



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



35.7360, 38.6252, 44.6023



63.3424, 68.9290, 80.7719



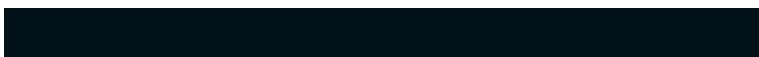
34.5031, 36.1595, 44.1913



8.0886, 8.7766, 10.2204



12.0480, 15.2299, 31.3492



0.3711, 0.4955, 0.8841

Inverse Universe

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



36.4024, 36.0897, 42.5854



64.8405, 63.2795, 76.2265



37.1511, 39.1714, 37.9511



8.2625, 8.1183, 9.6933



15.9449, 7.8405, 17.8873



0.4617, 0.2254, 0.5930

Previews

White Background



This preview shows how the XYZ color 35.7349, 38.6236, 44.6014 looks on a white background.

Color Contrast Check

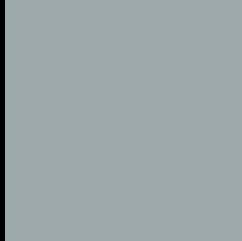
Large Text (above 18pt) WCAG AA × Fail

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 35.7349, 38.6236, 44.6014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

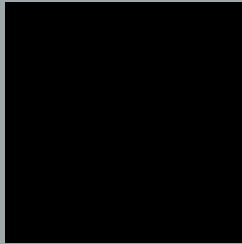
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

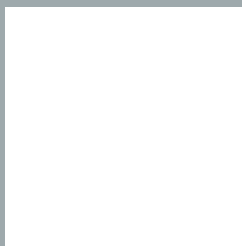
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.7349, 38.6236, 44.6014

Background



This preview shows how black text looks on a background with the XYZ color 35.7349, 38.6236, 44.6014.



This preview shows how white text looks on a background with the XYZ color 35.7349, 38.6236,

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

35.7349, 38.6236, 44.6014

Protanopia

37.2541, 38.6097, 43.5191

Deuteranopia

39.2855, 38.5611, 44.9076



Tritanopia

36.8403, 38.8150, 49.2664

Trichromacy



Original Color

35.7349, 38.6236, 44.6014

Protanomaly

36.6865, 38.5770, 44.0406

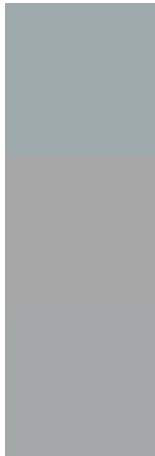
Deuteranomaly

38.0112, 38.6981, 45.0012

Tritanomaly

36.3366, 38.5905, 47.6531

Monochromacy



Original Color

35.7349, 38.6236, 44.6014

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.9909, 38.2511, 42.5321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7349, 38.6236, 44.6014 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(158, 169, 172)` looks like.

```
.text, #text, p{  
    color:rgb(158, 169, 172)  
}
```

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(158, 169, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 169, 172) }
```

Border

The CSS property to change the border of an element to XYZ 35.7349, 38.6236, 44.6014 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(158, 169, 172) }
```


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

```
.border{ border-color:rgb(158, 169, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 169, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 169, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 169, 172); box-shadow:4px 4px 4px 4px rgb(158, 169, 172) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7349, 38.6236, 44.6014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 169, 172) }
```

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

```
.background{ background-color: rgb(158,  
169, 172) }
```

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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