

Converting Colors

XYZ(35.3458, 38.4240, 44.5840)

Have a look what the booklet for
XYZ(35.3458, 38.4240, 44.5840)
contains.

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Color

**XYZ(35.3447, 38.4224,
44.5831)**

Conversions

Conversions Part 1

Format	Color
Hex	9CA9AC
RGB	156, 169, 172
RGB Percent	61%, 66%, 67%
CMY	0.3882, 0.3372, 0.3255
CMYK	0.09, 0.02, 0.00, 0.33
HSL	191°, 9%, 64%
HSV	191°, 9%, 67%
XYZ	35.3447, 38.4224, 44.5831
YIQ	165.4550, -8.7110, -1.8230

Conversions

Conversions Part 2

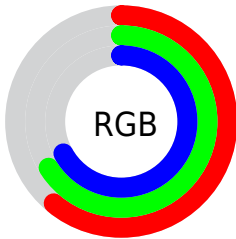
Format	Color
RYB	156, 163, 172
Decimal	10267052
CIELab	68.33, -3.94, -3.12
CIElCh	68, 5.023, 218.339
Yxy	38.4224, 0.2986, 0.3247
Android (android.graphics.Color)	4288457132 (0xFF9CA9AC)
YUV	165.4550, 3.2267, -8.2920
Hunter-Lab	61.9858, -6.6933, 0.7459

Details

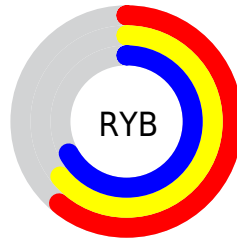
The XYZ color **35.3447, 38.4224, 44.5831** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.4124, 35.9671, 36.5292**, and the grayscale version is **35.9716, 37.8449, 41.2131**.

A 20% lighter version of the original color is **67.3848, 72.7062, 83.1552**, and **15.5772, 17.0819, 20.2454** is the 20% darker color. If you saturate the color by 10%, you get **31.6574, 35.6435, 44.2417**, and if you desaturate by 10%, it is **39.5204, 41.4771, 44.9532**.

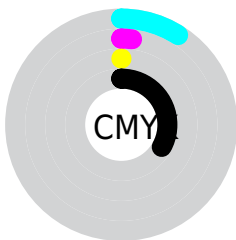
Distribution



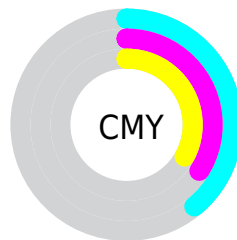
- Red (61%)
- Green (66%)
- Blue (67%)



- Red (61%)
- Yellow (64%)
- Blue (67%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (33%)



- Cyan (39%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3447, 38.4224, 44.5831 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 35.3447, 38.4224, 44.5831 by changing the saturation by 10% instead.

■ 35.3447, 38.4224,
44.5831

■ 35.3447, 38.4224,
44.5831

317.5686,
339.4285, 381.1932

■ 24.0963, 26.3107,
30.7886

■ 67.3499, 72.7551,
83.4063

■ 15.5302, 17.0562,
20.1808

■ 88.8374, 95.7449,
109.2720

■ 9.2810, 10.2746,
12.3412

114.4687,
123.1295, 139.9986

■ 4.9835, 5.5814,
6.8511

144.6091,
155.2933, 176.0046

■ 2.2723, 2.5923,
3.2921

179.6239,
192.6207, 217.7085

■ 0.7804, 0.9228,
1.2457

219.8785,

■ 0.0000, 0.0000,

235.4961, 265.5289

0.0166

265.7383,
284.3039, 319.8843

■ 0.0000, 0.0000,
0.0000

■ 35.3447, 38.4224,
44.5831

■ 35.3447, 38.4224,
44.5831

■ 31.6574, 35.6435,
44.2417

■ 39.5204, 41.4771,
44.9532

■ 28.4353, 33.1252,
43.9254

■ 44.1997, 44.8124,
45.3504

■ 25.6582, 30.8579,
43.6341

■ 49.4014, 48.4393,
45.7763

■ 23.3034, 28.8298,
43.3668

■ 55.1423, 52.3666,
46.2317

■ 21.3459, 27.0278,
43.1221

■ 61.4384, 56.6026,
46.7175

■ 19.7579, 25.4374,
42.8989

■ 66.7420, 60.3496,
47.1613

■ 18.5081, 24.0424,
42.6955

■ 67.4397, 61.7451,
47.3938

■ 17.5597, 22.8236,
42.5102

■ 68.1530, 63.1715,
47.6316

■ 16.8400, 21.7432,
42.3396

■ 68.8818, 64.6291,
47.8745

Harmonies

Analogous

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



35.0418, 38.4224, 42.4675



35.3447, 38.4224, 44.5831



35.9634, 38.4224, 45.9959

Triad

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



35.3447, 38.4224, 44.5831



37.9445, 38.4224, 43.4563



36.3002, 38.4224, 37.6905

Complementary

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



35.3447, 38.4224, 44.5831



35.4124, 35.9671, 36.5292

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.



37.0810, 38.4224, 37.9338



35.3447, 38.4224, 44.5831



38.0378, 38.4224, 41.2098

Square

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



35.3447, 38.4224, 44.5831



37.4665, 38.4224, 45.3292



37.7197, 38.4224, 39.2031



35.5882, 38.4224, 38.5260

Rectangle

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



35.3447, 38.4224, 44.5831



36.4755, 38.4224, 46.3208



37.7197, 38.4224, 39.2031



36.5632, 38.4224, 37.6494

Sweetspot

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



35.3458, 38.4240, 44.5840



68.7479, 73.1074, 81.2935



34.7158, 39.0745, 38.4837



14.8089, 15.7919, 17.6553



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.



35.3458, 38.4240, 44.5840



62.7868, 68.7125, 80.7594



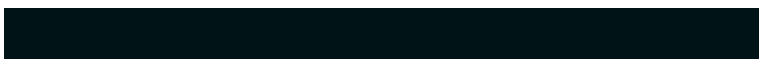
33.9139, 35.5603, 44.1067



8.1069, 8.8131, 10.2265



12.5333, 16.2005, 31.5109



0.3812, 0.5157, 0.8874

Inverse Universe

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



36.0641, 35.4130, 42.4726



64.3417, 62.2438, 76.1775



36.8212, 38.7846, 36.9988



8.2718, 8.1219, 9.7418



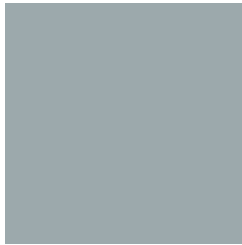
16.1899, 7.9385, 19.1771



0.4668, 0.2274, 0.6198

Previews

White Background



This preview shows how the XYZ color 35.3447, 38.4224, 44.5831 looks on a white background.

Color Contrast Check

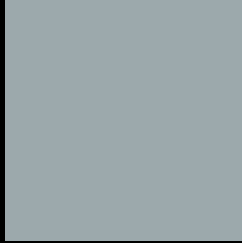
Large Text (above 18pt) WCAG AA × Fail

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 35.3447, 38.4224, 44.5831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

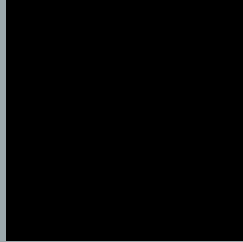
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

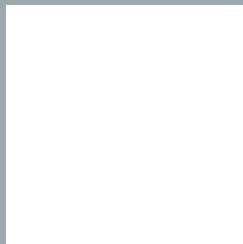
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.3447, 38.4224, 44.5831

Background



This preview shows how black text looks on a background with the XYZ color 35.3447, 38.4224, 44.5831.



This preview shows how white text looks on a background with the XYZ color 35.3447, 38.4224,

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

35.3447, 38.4224, 44.5831

Protanopia

37.0404, 38.4995, 43.5091

Deuteranopia

38.9753, 38.1294, 45.3499



Tritanopia

36.4437, 38.6106, 49.2479

Trichromacy



Original Color

35.3447, 38.4224, 44.5831

Protanomaly

36.4792, 38.4702, 44.0309

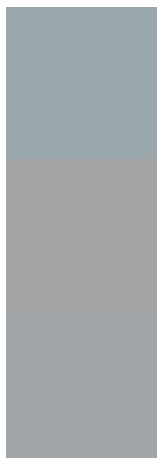
Deuteranomaly

37.6129, 38.2260, 44.9311

Tritanomaly

35.9431, 38.3877, 47.6346

Monochromacy



Original Color

35.3447, 38.4224, 44.5831

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.6044, 37.7810, 42.4617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3447, 38.4224, 44.5831 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(156, 169, 172) looks like.

```
.text, #text, p{  
    color:rgb(156, 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(156, 169, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 169, 172) }
```

Border

The CSS property to change the border of an element to XYZ 35.3447, 38.4224, 44.5831 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(156, 169, 172) }
```


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

```
.border{ border-color:rgb(156, 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(156, 169, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 169, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 169, 172);  
box-shadow:4px 4px 4px 4px rgb(156, 169,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3447, 38.4224, 44.5831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 169, 172) }
```

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

```
.background{ background-color: rgb(156,  
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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