

Converting Colors

XYZ(35.5390, 38.5226, 44.5922)

Have a look what the booklet for
XYZ(35.5390, 38.5226, 44.5922)
contains.

XYZ(35.5390, 38.5226, 44.5922)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.5390, 38.5226,
44.5922)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA9AC
RGB	157, 169, 172
RGB Percent	62%, 66%, 67%
CMY	0.3843, 0.3372, 0.3255
CMYK	0.09, 0.02, 0.00, 0.33
HSL	192°, 8%, 65%
HSV	192°, 9%, 67%
XYZ	35.5390, 38.5226, 44.5922
YIQ	165.7540, -8.1150, -1.6110

Conversions

Conversions Part 2

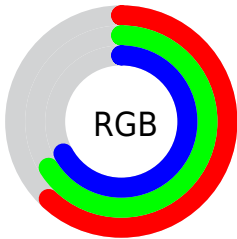
Format	Color
RYB	157, 164, 172
Decimal	10332588
CIELab	68.40, -3.60, -3.00
CIELCh	68, 4.684, 219.819
Yxy	38.5226, 0.2995, 0.3247
Android (android.graphics.Color)	4288522668 (0xFF9DA9AC)
YUV	165.7540, 3.0793, -7.6773
Hunter-Lab	62.0666, -6.4083, 0.8493

Details

The XYZ color **35.5390, 38.5226, 44.5922** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.6700, 36.3463, 37.0345**, and the grayscale version is **36.1161, 37.9969, 41.3787**.

A 20% lighter version of the original color is **67.6722, 72.8544, 83.1686**, and **15.6953, 17.1428, 20.2510** is the 20% darker color. If you saturate the color by 10%, you get **31.7859, 35.6520, 44.2365**, and if you desaturate by 10%, it is **39.7836, 41.6736, 44.9773**.

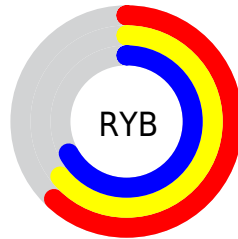
Distribution



Red (62%)

Green (66%)

Blue (67%)



Red (62%)

Yellow (64%)

Blue (67%)

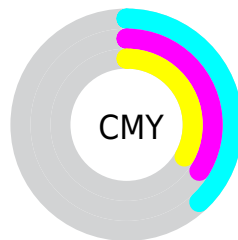


Cyan (9%)

Magenta (2%)

Yellow (0%)

Black (33%)



Cyan (38%)

Magenta (34%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5390, 38.5226, 44.5922 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 35.5390, 38.5226, 44.5922 by changing the saturation by 10% instead.

■ 35.5390, 38.5226,
44.5922

■ 35.5390, 38.5226,
44.5922

318.4076,
339.8565, 381.2313

■ 24.2468, 26.3885,
30.7957

■ 67.6485, 72.9084,
83.4201

■ 15.6425, 17.1145,
20.1862

■ 89.1965, 95.9290,
109.2886

■ 9.3608, 10.3162,
12.3450

114.8938,
123.3472, 140.0181

■ 5.0362, 5.6091,
6.8537

145.1058,
155.5475, 176.0274

■ 2.3035, 2.6089,
3.2937

180.1978,
192.9141, 217.7347

■ 0.7965, 0.9311,
1.2465

220.5352,

■ 0.0000, 0.0000,

235.8316, 265.5588

0.0173

266.4833,
284.6842, 319.9182

■ 0.0000, 0.0000,
0.0000

■ 35.5390, 38.5226,
44.5922

■ 35.5390, 38.5226,
44.5922

■ 31.7859, 35.6520,
44.2365

■ 39.7836, 41.6736,
44.9773

■ 28.5012, 33.0467,
43.9068

■ 44.5349, 45.1099,
45.3901

■ 25.6648, 30.6970,
43.6027

■ 49.8117, 48.8424,
45.8325

■ 23.2541, 28.5911,
43.3233

■ 55.6308, 52.8800,
46.3051

■ 21.2440, 26.7160,
43.0673

■ 62.0081, 57.2311,
46.8088

■ 19.6071, 25.0572,
42.8334

■ 67.0190, 60.9036,
47.2536

■ 18.3122, 23.5986,
42.6201

■ 67.7703, 62.4063,
47.5040

■ 17.3229, 22.3210,
42.4257

■ 68.5393, 63.9443,
47.7604

■ 16.5727, 21.1901,
42.2469

■ 69.3261, 65.5178,
48.0226

Harmonies

Analogous

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



35.2386, 38.5226, 42.6391



35.5390, 38.5226, 44.5922



36.1288, 38.5226, 45.8624

Triad

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



35.5390, 38.5226, 44.5922



37.9582, 38.5226, 43.3575



36.3739, 38.5226, 38.0787

Complementary

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



35.5390, 38.5226, 44.5922



35.6700, 36.3463, 37.0345

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.



37.1047, 38.5226, 38.2565



35.5390, 38.5226, 44.5922



38.0259, 38.5226, 41.2576

Square

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



35.5390, 38.5226, 44.5922



37.5277, 38.5226, 45.1331



37.7116, 38.5226, 39.4039



35.7163, 38.5226, 38.9098

Rectangle

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



35.5390, 38.5226, 44.5922



36.6101, 38.5226, 46.1268



37.7116, 38.5226, 39.4039



36.6190, 38.5226, 38.0231

Sweetspot

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



35.5401, 38.5242, 44.5931



68.7254, 73.0625, 81.2860



34.9811, 39.2031, 38.8671



14.8027, 15.7796, 17.6533



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.



35.5401, 38.5242, 44.5931



63.4263, 69.0968, 80.7999



34.2280, 35.9000, 44.1557



8.0984, 8.7961, 10.2237



12.3044, 15.7427, 31.4346



0.3764, 0.5062, 0.8858

Inverse Universe

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



36.2325, 35.7500, 42.5288



64.8829, 63.2964, 76.4495



36.9642, 38.9347, 37.4659



8.2674, 8.1202, 9.7192



16.0743, 7.8923, 18.5687



0.4644, 0.2264, 0.6072

Previews

White Background



This preview shows how the XYZ color 35.5390, 38.5226, 44.5922 looks on a white background.

Color Contrast Check

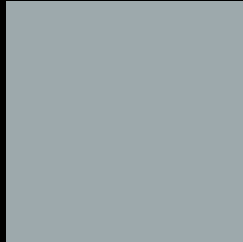
Large Text (above 18pt) WCAG AA × Fail

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 35.5390, 38.5226, 44.5922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

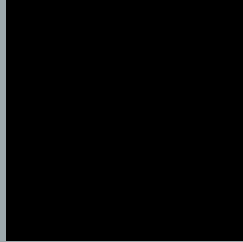
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

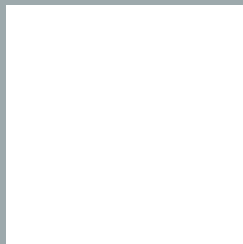
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.5390, 38.5226, 44.5922

Background



This preview shows how black text looks on a background with the XYZ color 35.5390, 38.5226, 44.5922.



This preview shows how white text looks on a background with the XYZ color 35.5390, 38.5226,

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

35.5390, 38.5226, 44.5922

Protanopia

37.0404, 38.4995, 43.5091

Deuteranopia

39.2855, 38.5611, 44.9076



Tritanopia

36.6412, 38.7124, 49.2571

Trichromacy



Original Color

35.5390, 38.5226, 44.5922

Protanomaly

36.4792, 38.4702, 44.0309

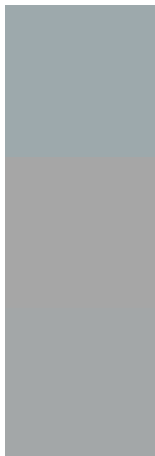
Deuteranomaly

38.0112, 38.6981, 45.0012

Tritanomaly

36.1391, 38.4887, 47.6438

Monochromacy



Original Color

35.5390, 38.5226, 44.5922

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 35.5390, 38.5226, 44.5922 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(157, 169, 172)` looks like.

```
.text, #text, p{  
    color:rgb(157, 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(157, 169, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 169, 172) }
```

Border

The CSS property to change the border of an element to XYZ 35.5390, 38.5226, 44.5922 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(157, 169, 172) }
```


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

```
.border{ border-color:rgb(157, 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(157, 169, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 169, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 169, 172);  
box-shadow:4px 4px 4px 4px rgb(157, 169,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5390, 38.5226, 44.5922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 169, 172) }
```

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

```
.background{ background-color: rgb(157,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor