

Converting Colors

XYZ(35.2957, 38.5091, 44.0425)

Have a look what the booklet for
XYZ(35.2957, 38.5091, 44.0425)
contains.

XYZ(35.2490, 38.3841, 44.0791)	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(35.2490, 38.3841,
44.0791)**

Conversions

Conversions Part 1

Format	Color
Hex	9CA9AB
RGB	156, 169, 171
RGB Percent	61%, 66%, 67%
CMY	0.3882, 0.3372, 0.3294
CMYK	0.09, 0.01, 0.00, 0.33
HSL	188°, 8%, 64%
HSV	188°, 9%, 67%
XYZ	35.2490, 38.3841, 44.0791
YIQ	165.3410, -8.3900, -2.1340

Conversions

Conversions Part 2

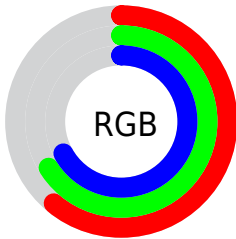
Format	Color
RYB	156, 163, 171
Decimal	10267051
CIELab	68.30, -4.14, -2.60
CIELCh	68, 4.893, 212.130
Yxy	38.3841, 0.2995, 0.3261
Android (android.graphics.Color)	4288457131 (0xFF9CA9AB)
YUV	165.3410, 2.7899, -8.1921
Hunter-Lab	61.9549, -6.8642, 1.1853

Details

The XYZ color **35.2490, 38.3841, 44.0791** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.0225, 35.5119, 36.4619**, and the grayscale version is **35.9187, 37.7893, 41.1525**.

A 20% lighter version of the original color is **67.2471, 72.6512, 82.4303**, and **15.5168, 17.0577, 19.9274** is the 20% darker color. If you saturate the color by 10%, you get **31.7505, 35.9581, 43.7958**, and if you desaturate by 10%, it is **39.2230, 41.0682, 44.3883**.

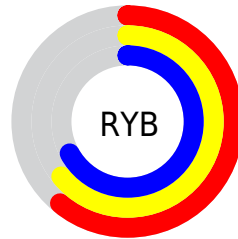
Distribution



Red (61%)

Green (66%)

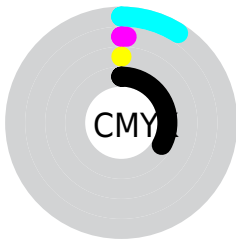
Blue (67%)



Red (61%)

Yellow (64%)

Blue (67%)

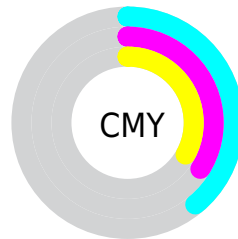


Cyan (9%)

Magenta (1%)

Yellow (0%)

Black (33%)



Cyan (39%)

Magenta (34%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2490, 38.3841, 44.0791 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 35.2490, 38.3841, 44.0791 by changing the saturation by 10% instead.

■ 35.2490, 38.3841,
44.0791

■ 35.2490, 38.3841,
44.0791

317.1548,
339.2648, 379.0818

■ 24.0222, 26.2809,
30.3950

■ 67.2028, 72.6965,
82.6405

■ 15.4749, 17.0339,
19.8840

■ 88.6605, 95.6745,
108.3549

■ 9.2418, 10.2587,
12.1275

114.2592,
123.0462, 138.9166

■ 4.9576, 5.5708,
6.7070

144.3642,
155.1961, 174.7439

■ 2.2569, 2.5859,
3.2039

179.3409,
192.5085, 216.2556

■ 0.7725, 0.9196,
1.1997

219.5547,

■ 0.0000, 0.0000,

235.3678, 263.8701

0.0000

265.3709,
284.1585, 318.0060

■ 35.2490, 38.3841,
44.0791

■ 35.2490, 38.3841,
44.0791

■ 31.7505, 35.9581,
43.7958

■ 39.2230, 41.0682,
44.3883

■ 28.7048, 33.7754,
43.5350

■ 43.6873, 44.0152,
44.7219

■ 26.0921, 31.8268,
43.2966

■ 48.6605, 47.2355,
45.0813

■ 23.8902, 30.1007,
43.0795

■ 54.1589, 50.7376,
45.4675

■ 22.0746, 28.5845,
42.8826

■ 60.1983, 54.5298,
45.8812

■ 20.6182, 27.2642,
42.7045

■ 65.4557, 57.9302,
46.2604

■ 19.4904, 26.1239,
42.5438

■ 65.9281, 58.8750,
46.4179

■ 18.6554, 25.1450,
42.3989

■ 66.4082, 59.8351,
46.5779

■ 18.0469, 24.2935,
42.2666

■ 66.8959, 60.8106,
46.7405

Harmonies

Analogous

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



35.0298, 38.3841, 41.9508



35.2490, 38.3841, 44.0791



35.7983, 38.3841, 45.6373

Triad

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



35.2490, 38.3841, 44.0791



37.8014, 38.3841, 43.7981



36.4282, 38.3841, 37.7160

Complementary

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



35.2490, 38.3841, 44.0791



35.0225, 35.5119, 36.4619

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.



37.1763, 38.3841, 38.1723



35.2490, 38.3841, 44.0791



37.9757, 38.3841, 41.6371

Square

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



35.2490, 38.3841, 44.0791



37.2724, 38.3841, 45.4711



37.7453, 38.3841, 39.5888



35.7047, 38.3841, 38.3202

Rectangle

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



35.2490, 38.3841, 44.0791



36.2815, 38.3841, 46.1160



37.7453, 38.3841, 39.5888



36.6851, 38.3841, 37.7504

Sweetspot

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



35.2501, 38.3857, 44.0799



67.0931, 71.4361, 79.2543



34.4240, 38.6544, 37.8826



14.8355, 15.8452, 17.6642



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.



35.2501, 38.3857, 44.0799



61.5351, 67.6512, 78.8166



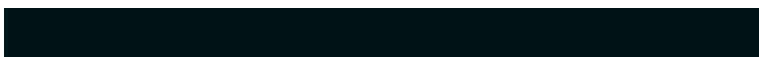
33.9381, 35.7617, 43.6426



8.1440, 8.8874, 10.2389



13.5792, 18.2922, 31.8596



0.4024, 0.5582, 0.8945

Inverse Universe

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



35.8454, 35.3003, 42.4623



62.8797, 60.7349, 75.1511



36.2963, 38.0595, 36.8865



8.2905, 8.1294, 9.8406



16.7178, 8.1497, 21.9571



0.4775, 0.2317, 0.6764

Previews

White Background



This preview shows how the XYZ color 35.2490, 38.3841, 44.0791 looks on a white background.

Color Contrast Check

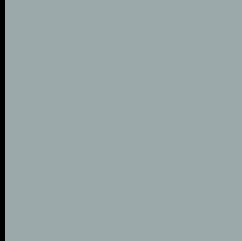
Large Text (above 18pt) WCAG AA × Fail

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 35.2490, 38.3841, 44.0791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

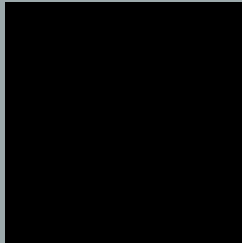
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

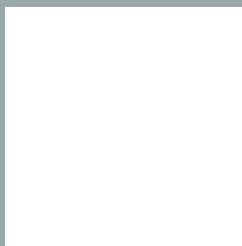
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.2490, 38.3841, 44.0791

Background



This preview shows how black text looks on a background with the XYZ color 35.2490, 38.3841, 44.0791.



This preview shows how white text looks on a background with the XYZ color 35.2490, 38.3841,

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

35.2490, 38.3841, 44.0791

Protanopia

36.7650, 38.0997, 42.9524

Deuteranopia

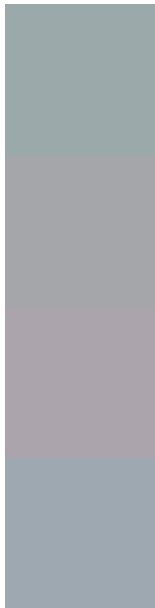
39.1101, 38.2102, 44.8491



Tritanopia

36.2598, 38.2427, 49.1866

Trichromacy



Original Color

35.2490, 38.3841, 44.0791

Protanomaly

36.2018, 38.0672, 43.4699

Deuteranomaly

37.5164, 38.1874, 44.4233

Tritanomaly

35.8431, 38.3477, 47.1077

Monochromacy



Original Color

35.2490, 38.3841, 44.0791

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.5116, 37.7438, 41.9728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2490, 38.3841, 44.0791 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(156, 169, 171)  
}
```

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, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 169, 171) }
```

Border

The CSS property to change the border of an element to XYZ 35.2490, 38.3841, 44.0791 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, 171) }
```


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

```
.border{ border-color:rgb(156, 169, 171) }
```

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, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 169, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 169, 171);  
box-shadow:4px 4px 4px 4px rgb(156, 169,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2490, 38.3841, 44.0791 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, 171) }
```

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

```
.background{ background-color: rgb(156,  
169, 171) }
```

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