

Converting Colors

XYZ(36.5915, 38.5385, 43.5408)

Have a look what the booklet for
XYZ(36.5915, 38.5385, 43.5408)
contains.

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Color

**XYZ(36.5915, 38.5390,
43.5404)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A7AA
RGB	165, 167, 170
RGB Percent	65%, 65%, 67%
CMY	0.3529, 0.3451, 0.3333
CMYK	0.03, 0.02, 0.00, 0.33
HSL	216°, 3%, 66%
HSV	216°, 3%, 67%
XYZ	36.5915, 38.5390, 43.5404
YIQ	166.7440, -2.1550, 0.5090

Conversions

Conversions Part 2

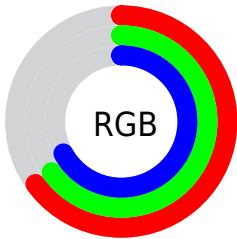
Format	Color
RYB	165, 166, 170
Decimal	10856362
CIELab	68.42, -0.13, -1.80
CIELCh	68, 1.807, 265.935
Yxy	38.5390, 0.3083, 0.3248
Android (android.graphics.Color)	4289046442 (0xFFA5A7AA)
YUV	166.7440, 1.6052, -1.5295
Hunter-Lab	62.0798, -3.4269, 1.8721

Details

The XYZ color **36.5915, 38.5390, 43.5404** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.3719, 39.2677, 41.2078**, and the grayscale version is **36.6002, 38.5062, 41.9333**.

A 20% lighter version of the original color is **69.2271, 72.8944, 81.6555**, and **16.2108, 17.0802, 19.5819** is the 20% darker color. If you saturate the color by 10%, you get **31.4940, 33.2486, 42.7885**, and if you desaturate by 10%, it is **42.3085, 44.3693, 44.3650**.

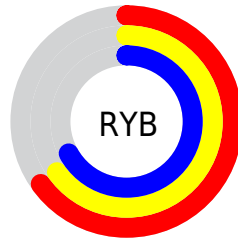
Distribution



Red (65%)

Green (65%)

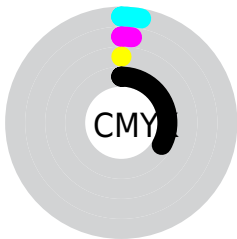
Blue (67%)



Red (65%)

Yellow (65%)

Blue (67%)

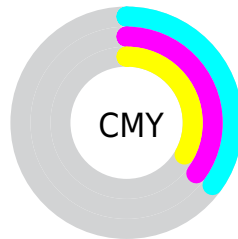


Cyan (3%)

Magenta (2%)

Yellow (0%)

Black (33%)



Cyan (35%)

Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5915, 38.5390, 43.5404 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 36.5915, 38.5390, 43.5404 by changing the saturation by 10% instead.

■ 36.5915, 38.5390,
43.5404

■ 36.5915, 38.5390,
43.5404

322.9249,
339.9265, 376.8158

■ 25.0636, 26.4013,
29.9748

■ 69.2620, 72.9335,
81.8208

■ 16.2534, 17.1241,
19.5676

■ 91.1353, 95.9591,
107.3727

■ 9.7956, 10.3230,
11.9002

117.1877,
123.3829, 137.7571

■ 5.3249, 5.6136,
6.5540

147.7847,
155.5890, 173.3926

■ 2.4758, 2.6116,
3.1106

183.2915,
192.9621, 214.6976

■ 0.8831, 0.9325,
1.1514

224.0736,

■ 0.0000, 0.0000,

235.8864, 262.0908

0.0000

270.4963,
284.7465, 315.9907

■ 36.5915, 38.5390,
43.5404

■ 36.5915, 38.5390,
43.5404

■ 31.4940, 33.2486,
42.7885

■ 42.3085, 44.3693,
44.3650

■ 26.9908, 28.4770,
42.1048

■ 48.6622, 50.7502,
45.2618

■ 23.0599, 24.2088,
41.4882

■ 55.6735, 57.6980,
46.2333

■ 19.6767, 20.4258,
40.9363

■ 63.3611, 65.2270,
47.2814

■ 16.8145, 17.1086,
40.4469

■ 71.7431, 73.3510,
48.4077

■ 14.4445, 14.2365,
40.0174

■ 76.2822, 79.7352,
49.4007

■ 12.5344, 11.7869,
39.6452

■ 79.1719, 85.5145,
50.3639

■ 11.0479, 9.7343,
39.3274

■ 82.2296, 91.6300,
51.3832

■ 9.9422, 8.0500,
39.0606

■ 84.2558, 95.6823,
52.0586

Harmonies

Analogous

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



36.3254, 38.5390, 43.2702



36.5915, 38.5390, 43.5404



36.8693, 38.5390, 43.3833

Triad

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



36.5915, 38.5390, 43.5404



37.1230, 38.5390, 41.2827



36.1801, 38.5390, 41.0933

Complementary

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



36.5915, 38.5390, 43.5404



37.3719, 39.2677, 41.2078

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.



36.3921, 38.5390, 40.5729



36.5915, 38.5390, 43.5404



36.9366, 38.5390, 40.6813

Square

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



36.5915, 38.5390, 43.5404



37.1771, 38.5390, 42.0733



36.6689, 38.5390, 40.4230



36.0886, 38.5390, 41.8517

Rectangle

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



36.5915, 38.5390, 43.5404



37.0236, 38.5390, 43.0585



36.6689, 38.5390, 40.4230



36.2395, 38.5390, 40.8851

Sweetspot

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



36.5926, 38.5406, 43.5412



68.2984, 71.8838, 79.2771



36.9526, 39.5735, 42.6966



15.2433, 16.0432, 17.6809



82.5889, 86.8899, 94.6231



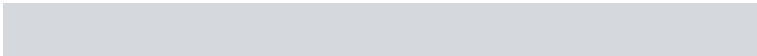
15.4596, 16.2647, 17.7123

Same Dimension

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



36.5926, 38.5406, 43.5412



65.2901, 68.7921, 78.8389



36.3154, 37.8574, 43.4240



7.8988, 8.3240, 9.6087



6.9132, 5.2865, 28.6315



0.2185, 0.2293, 0.7134

Inverse Universe

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



37.0086, 38.2472, 41.9929



66.3298, 68.0677, 74.9678



37.6545, 39.9664, 41.3278



8.0429, 8.2242, 9.0720



12.9900, 6.6047, 4.7591



0.3415, 0.1709, 0.2496

Previews

White Background



This preview shows how the XYZ color 36.5915, 38.5390, 43.5404 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 36.5915, 38.5390, 43.5404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

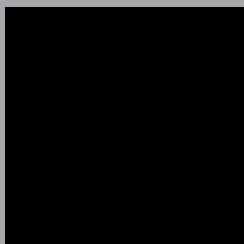
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

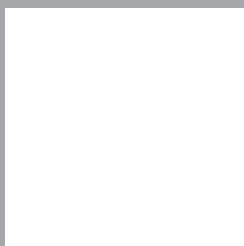
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.5915, 38.5390, 43.5404

Background



This preview shows how black text looks on a background with the XYZ color 36.5915, 38.5390, 43.5404.



This preview shows how white text looks on a background with the XYZ color 36.5915, 38.5390,

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

36.5915, 38.5390, 43.5404

Protanopia

37.1598, 38.5720, 43.0227

Deuteranopia

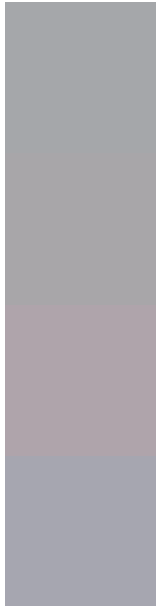
39.3271, 38.6047, 43.9068



Tritanopia

37.4988, 38.6341, 48.1286

Trichromacy



Original Color

36.5915, 38.5390, 43.5404

Protanomaly

36.9461, 38.4618, 43.0127

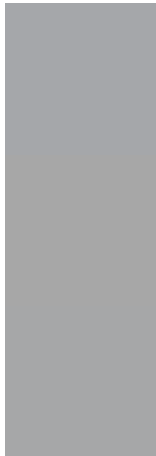
Deuteranomaly

38.3053, 38.6052, 43.9607

Tritanomaly

37.1986, 38.5140, 46.5477

Monochromacy



Original Color

36.5915, 38.5390, 43.5404

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.6125, 38.5716, 42.5612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5915, 38.5390, 43.5404 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(165, 167, 170)` looks like.

```
.text, #text, p{  
    color:rgb(165, 167, 170)  
}
```

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(165, 167, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 167, 170) }
```

Border

The CSS property to change the border of an element to XYZ 36.5915, 38.5390, 43.5404 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(165, 167, 170) }
```


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

```
.border{ border-color:rgb(165, 167, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 167, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 167, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 167, 170);  
box-shadow:4px 4px 4px 4px rgb(165, 167,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5915, 38.5390, 43.5404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 167, 170) }
```

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

```
.background{ background-color: rgb(165,  
167, 170) }
```

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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