

Converting Colors

XYZ(35.6608, 37.6483, 43.4778)

Have a look what the booklet for
XYZ(35.6608, 37.6483, 43.4778)
contains.

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Color

**XYZ(35.6111, 37.4939,
43.3904)**

Conversions

Conversions Part 1

Format	Color
Hex	A2A5AA
RGB	162, 165, 170
RGB Percent	64%, 65%, 67%
CMY	0.3647, 0.3529, 0.3333
CMYK	0.05, 0.03, 0.00, 0.33
HSL	217°, 4%, 65%
HSV	217°, 5%, 67%
XYZ	35.6111, 37.4939, 43.3904
YIQ	164.6730, -3.3930, 0.9190

Conversions

Conversions Part 2

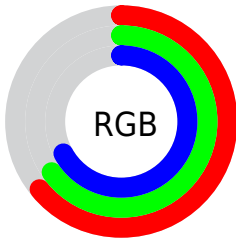
Format	Color
RYB	162, 164, 170
Decimal	10659242
CIELab	67.65, -0.09, -2.96
CIELCh	68, 2.962, 268.321
Yxy	37.4939, 0.3057, 0.3218
Android (android.graphics.Color)	4288849322 (0xFFA2A5AA)
YUV	164.6730, 2.6262, -2.3442
Hunter-Lab	61.2323, -3.3455, 0.8485

Details

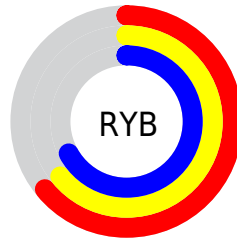
The XYZ color **35.6111, 37.4939, 43.3904** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.9180, 38.7918, 39.7247**, and the grayscale version is **35.5975, 37.4513, 40.7845**.

A 20% lighter version of the original color is **67.7991, 71.3744, 81.4374**, and **15.6055, 16.4333, 19.4890** is the 20% darker color. If you saturate the color by 10%, you get **30.5522, 32.1605, 42.6282**, and if you desaturate by 10%, it is **41.2981, 43.3893, 44.2292**.

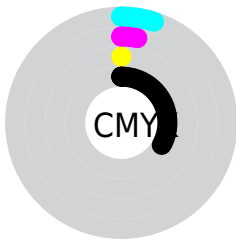
Distribution



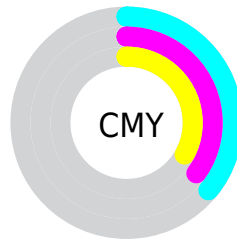
- Red (64%)
- Green (65%)
- Blue (67%)



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



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (33%)



- Cyan (36%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6111, 37.4939, 43.3904 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 35.6111, 37.4939, 43.3904 by changing the saturation by 10% instead.

■ 35.6111, 37.4939,
43.3904

■ 35.6111, 37.4939,
43.3904

318.7185,
335.4439, 376.1831

■ 24.3027, 25.5901,
29.8579

■ 67.7592, 71.3318,
81.5923

■ 15.6843, 16.5173,
19.4796

■ 89.3296, 94.0346,
107.0988

■ 9.3904, 9.8909,
11.8370

115.0514,
121.1060, 137.4337

■ 5.0559, 5.3267,
6.5116

145.2899,
152.9302, 173.0155

■ 2.3152, 2.4402,
3.0848

180.4105,
189.8917, 214.2629

■ 0.8024, 0.8465,
1.1381

220.7786,

■ 0.0000, 0.0000,

232.3749, 261.5942

0.0000

266.7595,
280.7642, 315.4281

■ 35.6111, 37.4939,
43.3904

■ 35.6111, 37.4939,
43.3904

■ 30.5522, 32.1605,
42.6282

■ 41.2981, 43.3893,
44.2292

■ 26.0958, 27.3670,
41.9378

■ 47.6312, 49.8584,
45.1440

■ 22.2189, 23.0969,
41.3179

■ 54.6318, 56.9186,
46.1378

■ 18.8963, 19.3307,
40.7661

■ 62.3191, 64.5849,
47.2124

■ 16.1003, 16.0479,
40.2798

■ 70.7118, 72.8720,
48.3696

■ 13.8010, 13.2263,
39.8564

■ 76.4378, 80.0463,
49.4526

■ 11.9649, 10.8415,
39.4928

■ 79.4619, 86.0944,
50.4606

■ 10.5540, 8.8664,
39.1860

■ 82.6687, 92.5081,
51.5296

■ 9.5231, 7.2696,
38.9321

■ 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.



35.1776, 37.4939, 43.0024



35.6111, 37.4939, 43.3904



36.0551, 37.4939, 43.0788

Triad

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



35.6111, 37.4939, 43.3904



36.4155, 37.4939, 39.6429



34.8947, 37.4939, 39.5179

Complementary

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



35.6111, 37.4939, 43.3904



36.9180, 38.7918, 39.7247

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.



35.2218, 37.4939, 38.6503



35.6111, 37.4939, 43.3904



36.1000, 37.4939, 38.7214

Square

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



35.6111, 37.4939, 43.3904



36.5219, 37.4939, 40.8982



35.6626, 37.4939, 38.3618



34.7662, 37.4939, 40.7508

Rectangle

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



35.6111, 37.4939, 43.3904



36.2968, 37.4939, 42.5198



35.6626, 37.4939, 38.3618



34.9849, 37.4939, 39.1748

Sweetspot

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



35.6122, 37.4955, 43.3912



68.2837, 71.8545, 79.2722



36.2445, 39.2190, 42.1872



15.2402, 16.0370, 17.6799



82.5889, 86.8899, 94.6231



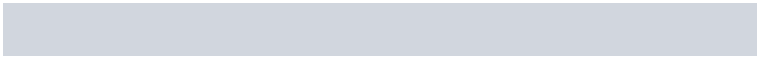
15.4596, 16.2647, 17.7123

Same Dimension

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



35.6122, 37.4955, 43.3912



63.2580, 66.6122, 78.5253



35.2672, 36.5230, 43.2217



7.6725, 8.0796, 9.5735



6.7280, 4.9162, 28.5698



0.2130, 0.2182, 0.7115

Inverse Universe

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



36.2903, 37.1040, 40.8482



64.8441, 65.7123, 72.5735



37.2734, 39.8011, 39.9008



7.8779, 7.9636, 8.8028



12.8966, 6.5673, 4.2670



0.3386, 0.1697, 0.2348

Previews

White Background



This preview shows how the XYZ color 35.6111, 37.4939, 43.3904 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 35.6111, 37.4939, 43.3904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

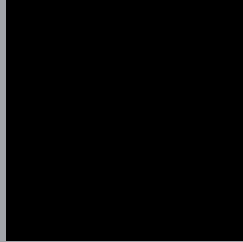
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.6111, 37.4939, 43.3904

Background



This preview shows how black text looks on a background with the XYZ color 35.6111, 37.4939, 43.3904.



This preview shows how white text looks on a background with the XYZ color 35.6111, 37.4939,

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

35.6111, 37.4939, 43.3904

Protanopia

36.1628, 37.5225, 42.8727

Deuteranopia

38.2816, 37.5469, 43.7577



Tritanopia

36.3155, 37.5118, 46.9214

Trichromacy



Original Color

35.6111, 37.4939, 43.3904

Protanomaly

35.9539, 37.4148, 42.8629

Deuteranomaly

37.2843, 37.5516, 43.8112

Tritanomaly

36.0197, 37.3934, 45.3636

Monochromacy



Original Color

35.6111, 37.4939, 43.3904

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.7400, 37.5928, 41.9317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6111, 37.4939, 43.3904 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(162, 165, 170)` looks like.

```
.text, #text, p{  
    color:rgb(162, 165, 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(162, 165, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 165, 170) }
```

Border

The CSS property to change the border of an element to XYZ 35.6111, 37.4939, 43.3904 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(162, 165, 170) }
```


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

```
.border{ border-color:rgb(162, 165, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 165, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 165, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 165, 170);  
box-shadow:4px 4px 4px 4px rgb(162, 165,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6111, 37.4939, 43.3904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 165, 170) }
```

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

```
.background{ background-color: rgb(162,  
165, 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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