

Converting Colors

XYZ(35.5987, 37.5687, 44.4336)

Have a look what the booklet for
XYZ(35.5987, 37.5687, 44.4336)
contains.

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Color

**XYZ(35.5995, 37.4659,
44.3851)**

Conversions

Conversions Part 1

Format	Color
Hex	A1A5AC
RGB	161, 165, 172
RGB Percent	63%, 65%, 67%
CMY	0.3686, 0.3529, 0.3255
CMYK	0.06, 0.04, 0.00, 0.33
HSL	218°, 6%, 65%
HSV	218°, 6%, 67%
XYZ	35.5995, 37.4659, 44.3851
YIQ	164.6020, -4.6310, 1.3290

Conversions

Conversions Part 2

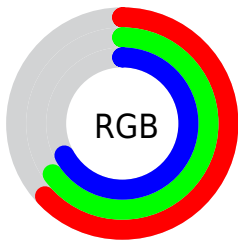
Format	Color
RYB	161, 164, 172
Decimal	10593708
CIELab	67.63, -0.04, -4.11
CIELCh	68, 4.113, 269.496
Yxy	37.4659, 0.3031, 0.3190
Android (android.graphics.Color)	4288783788 (0xFFA1A5AC)
YUV	164.6020, 3.6472, -3.1590
Hunter-Lab	61.2094, -3.3005, -0.1467

Details

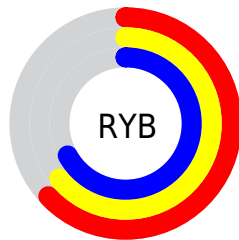
The XYZ color **35.5995, 37.4659, 44.3851** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.4491, 39.3489, 39.3402**, and the grayscale version is **35.5593, 37.4111, 40.7407**.

A 20% lighter version of the original color is **67.7772, 71.3314, 82.8691**, and **15.6020, 16.4175, 20.1159** is the 20% darker color. If you saturate the color by 10%, you get **30.4793, 32.0218, 43.6047**, and if you desaturate by 10%, it is **41.3676, 43.4968, 45.2457**.

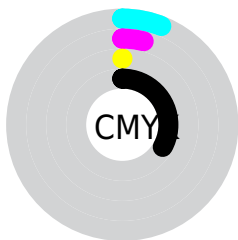
Distribution



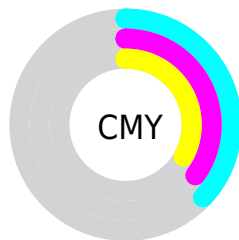
- Red (63%)
- Green (65%)
- Blue (67%)



- Red (63%)
- Yellow (64%)
- Blue (67%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (33%)



- Cyan (37%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5995, 37.4659, 44.3851 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 35.5995, 37.4659, 44.3851 by changing the saturation by 10% instead.

■ 35.5995, 37.4659,
44.3851

■ 35.5995, 37.4659,
44.3851

318.6685,
335.3232, 380.3647

■ 24.2937, 25.5684,
30.6340

■ 67.7414, 71.2888,
83.1056

■ 15.6776, 16.5011,
20.0642

■ 89.3082, 93.9829,
108.9120

■ 9.3857, 9.8794,
12.2571

115.0260,
121.0448, 139.5738

■ 5.0527, 5.3191,
6.7944

145.2603,
152.8587, 175.5098

■ 2.3133, 2.4357,
3.2574

180.3763,
189.8092, 217.1383

■ 0.8015, 0.8441,
1.2275

220.7394,

■ 0.0000, 0.0000,

232.2805, 264.8779

0.0012

266.7151,
280.6570, 319.1472

■ 0.0000, 0.0000,
0.0000

■ 35.5995, 37.4659,
44.3851

■ 35.5995, 37.4659,
44.3851

■ 30.4793, 32.0218,
43.6047

■ 41.3676, 43.4968,
45.2457

■ 25.9802, 27.1412,
42.8998

■ 47.8025, 50.1271,
46.1864

■ 22.0782, 22.8064,
42.2688

■ 54.9267, 57.3752,
47.2099

■ 18.7465, 18.9968,
41.7090

■ 62.7603, 65.2573,
48.3184

■ 15.9561, 15.6902,
41.2179

■ 71.3227, 73.7886,
49.5138

■ 13.6753, 12.8631,
40.7924

■ 77.1656, 81.1968,
50.6358

■ 11.8688, 10.4892,
40.4294

■ 80.3184, 87.5023,
51.6867

■ 10.4960, 8.5394,
40.1254

■ 83.6658, 94.1973,
52.8026

■ 9.5034, 6.9771,
39.8762

■ 84.4465, 95.7586,
53.0628

Harmonies

Analogous

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



34.9951, 37.4659, 43.8761



35.5995, 37.4659, 44.3851



36.2137, 37.4659, 43.9083

Triad

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



35.5995, 37.4659, 44.3851



36.6817, 37.4659, 39.0993



34.5703, 37.4659, 39.0477

Complementary

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



35.5995, 37.4659, 44.3851



37.4491, 39.3489, 39.3402

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.



35.0135, 37.4659, 37.8305



35.5995, 37.4659, 44.3851



36.2325, 37.4659, 37.8597

Square

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



35.5995, 37.4659, 44.3851



36.8430, 37.4659, 40.8247



35.6209, 37.4659, 37.4020



34.4053, 37.4659, 40.7633

Rectangle

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



35.5995, 37.4659, 44.3851



36.5451, 37.4659, 43.1035



35.6209, 37.4659, 37.4020



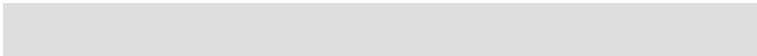
34.6915, 37.4659, 38.5685

Sweetspot

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



35.6006, 37.4675, 44.3859



68.9980, 72.6066, 81.1837



36.5159, 39.9087, 42.8087



15.0204, 15.8058, 17.6468



82.5889, 86.8899, 94.6231



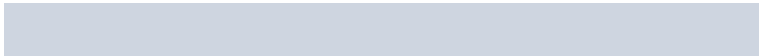
15.4596, 16.2647, 17.7123

Same Dimension

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



35.6006, 37.4675, 44.3859



62.8763, 66.1680, 80.2635



35.1872, 36.1994, 44.1629



7.8086, 8.2165, 10.1271



6.8953, 4.9246, 29.6316



0.2448, 0.2429, 0.8420

Inverse Universe

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



36.5505, 36.9778, 40.8102



65.0516, 65.0730, 72.0693



37.8793, 40.6845, 39.5754



8.1212, 8.0617, 8.9490



13.3441, 6.8002, 4.1915



0.3980, 0.1999, 0.2574

Previews

White Background



This preview shows how the XYZ color 35.5995, 37.4659, 44.3851 looks on a white background.

Color Contrast Check

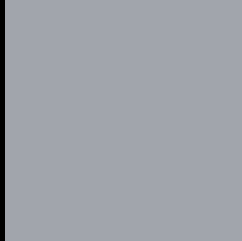
Large Text (above 18pt) WCAG AA × Fail

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 35.5995, 37.4659, 44.3851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

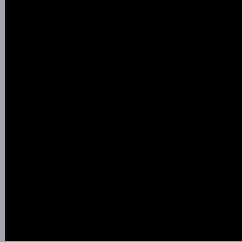
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.5995, 37.4659, 44.3851

Background



This preview shows how black text looks on a background with the XYZ color 35.5995, 37.4659, 44.3851.



This preview shows how white text looks on a background with the XYZ color 35.5995, 37.4659,

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

35.5995, 37.4659, 44.3851

Protanopia

36.3520, 37.5982, 43.8693

Deuteranopia

38.2451, 37.5059, 44.7588



Tritanopia

36.1116, 37.4066, 46.9119

Trichromacy



Original Color

35.5995, 37.4659, 44.3851

Protanomaly

35.9360, 37.3837, 43.8498

Deuteranomaly

37.2577, 37.5157, 44.8127

Tritanomaly

35.9136, 37.3274, 45.8695

Monochromacy



Original Color

35.5995, 37.4659, 44.3851

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.8329, 37.6299, 42.4205

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5995, 37.4659, 44.3851 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(161, 165, 172)` looks like.

```
.text, #text, p{  
    color:rgb(161, 165, 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(161, 165, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 165, 172) }
```

Border

The CSS property to change the border of an element to XYZ 35.5995, 37.4659, 44.3851 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(161, 165, 172) }
```


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

```
.border{ border-color:rgb(161, 165, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 165, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 165, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 165, 172);  
box-shadow:4px 4px 4px 4px rgb(161, 165,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5995, 37.4659, 44.3851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 165, 172) }
```

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

```
.background{ background-color: rgb(161,  
165, 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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