

Converting Colors

XYZ(36.0083, 38.0322, 41.0933)

Have a look what the booklet for
XYZ(36.0083, 38.0322, 41.0933)
contains.

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Color

**XYZ(35.9448, 37.9884,
41.0353)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A6A5
RGB	165, 166, 165
RGB Percent	65%, 65%, 65%
CMY	0.3529, 0.3490, 0.3529
CMYK	0.01, 0.00, 0.01, 0.35
HSL	120°, 1%, 65%
HSV	120°, 1%, 65%
XYZ	35.9448, 37.9884, 41.0353
YIQ	165.5870, -0.2750, -0.5230

Conversions

Conversions Part 2

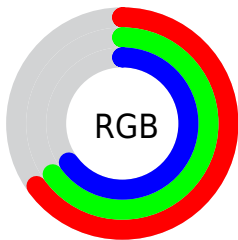
Format	Color
RYB	165, 166, 166
Decimal	10856101
CIELab	68.01, -0.54, 0.38
CIElCh	68, 0.664, 144.748
Yxy	37.9884, 0.3126, 0.3304
Android (android.graphics.Color)	4289046181 (0xFFA5A6A5)
YUV	165.5870, -0.2894, -0.5148
Hunter-Lab	61.6347, -3.7612, 3.6701

Details

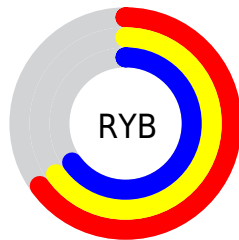
The XYZ color **35.9448, 37.9884, 41.0353** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.0654, 37.7714, 41.4681**, and the grayscale version is **36.0486, 37.9260, 41.3014**.

A 20% lighter version of the original color is **68.2899, 72.0959, 78.0268**, and **15.8080, 16.7376, 18.0203** is the 20% darker color. If you saturate the color by 10%, you get **31.2995, 35.7581, 33.4367**, and if you desaturate by 10%, it is **41.2366, 40.5314, 49.6894**.

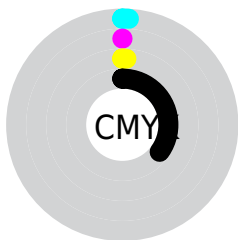
Distribution



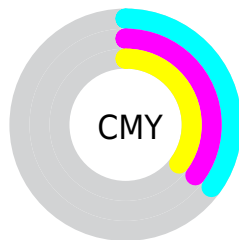
- Red (65%)
- Green (65%)
- Blue (65%)



- Red (65%)
- Yellow (65%)
- Blue (65%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (35%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9448, 37.9884, 41.0353 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 35.9448, 37.9884, 41.0353 by changing the saturation by 10% instead.

■ 35.9448, 37.9884,
41.0353

■ 35.9448, 37.9884,
41.0353

320.1547,
337.5702, 366.1491

■ 24.5615, 25.9737,
28.0268

■ 68.2713, 72.0904,
77.9917

■ 15.8776, 16.8040,
18.1066

■ 89.9452, 94.9464,
102.7767

■ 9.5279, 10.0948,
10.8563

115.7799,
122.1850, 132.3242

■ 5.1469, 5.4619,
5.8574

146.1410,
154.1905, 167.0529

■ 2.3694, 2.5207,
2.6912

181.3936,
191.3474, 207.3811

■ 0.8298, 0.8870,
0.9390

221.9032,

■ 0.0000, 0.0000,

234.0401, 253.7276

0.0000

268.0351,
282.6529, 306.5107

■ 35.9448, 37.9884,
41.0353

■ 35.9448, 37.9884,
41.0353

■ 31.2995, 35.7581,
33.4367

■ 41.2366, 40.5314,
49.6894

■ 27.2729, 33.8240,
26.8507

■ 47.1949, 43.3935,
59.4345

■ 23.8398, 32.1749,
21.2355

■ 53.8429, 46.5870,
70.3077

■ 20.9723, 30.7974,
16.5452

■ 61.2019, 50.1219,
82.3435

■ 18.6398, 29.6770,
12.7301

■ 69.2919, 54.0079,
95.5748

■ 16.8095, 28.7978,
9.7360

■ 72.9270, 55.7539,
101.5257

■ 15.4443, 28.1420,
7.5028

■ 14.5024, 27.6896,
5.9619

■ 13.9345, 27.4168,
5.0328

Harmonies

Analogous

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



36.0237, 37.9884, 40.8482



35.9448, 37.9884, 41.0353



35.9093, 37.9884, 41.3108

Triad

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



35.9448, 37.9884, 41.0353



36.0886, 37.9884, 41.9322



36.2876, 37.9884, 41.1251

Complementary

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



35.9448, 37.9884, 41.0353



36.0654, 37.7714, 41.4681

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.



36.3051, 37.9884, 41.4150



35.9448, 37.9884, 41.0353



36.1901, 37.9884, 41.8819

Square

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



35.9448, 37.9884, 41.0353



35.9923, 37.9884, 41.8294



36.2694, 37.9884, 41.6923



36.2217, 37.9884, 40.8999

Rectangle

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



35.9448, 37.9884, 41.0353



35.9150, 37.9884, 41.5080



36.2694, 37.9884, 41.6923



36.2993, 37.9884, 41.2182

Sweetspot

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



35.9459, 37.9900, 41.0361



65.7814, 69.2071, 75.3665



36.1553, 38.0980, 41.0459



14.7206, 15.4872, 16.8656



80.6108, 84.8088, 92.3568

Same Dimension

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



35.9459, 37.9900, 41.0361



64.8625, 68.7657, 73.8637



35.9916, 38.0083, 41.2770



8.3498, 8.8463, 9.5137



10.5743, 21.1485, 3.5252



0.2573, 0.5145, 0.0858

Inverse Universe

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



36.0654, 37.7714, 41.4681



65.2271, 68.0987, 75.1816



36.0195, 37.7530, 41.2263



8.3926, 8.7680, 9.6684



17.5308, 8.4210, 28.6704



0.4265, 0.2049, 0.6976

Previews

White Background



This preview shows how the XYZ color 35.9448, 37.9884, 41.0353 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 35.9448, 37.9884, 41.0353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

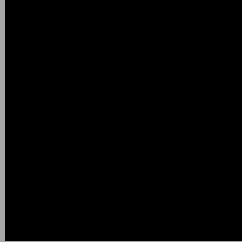
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.9448, 37.9884, 41.0353

Background



This preview shows how black text looks on a background with the XYZ color 35.9448, 37.9884, 41.0353.



This preview shows how white text looks on a background with the XYZ color 35.9448, 37.9884,

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

35.9448, 37.9884, 41.0353

Protanopia

36.5182, 38.0256, 40.5369

Deuteranopia

38.5098, 37.7185, 41.3271



Tritanopia

37.1476, 37.9407, 46.9604

Trichromacy



Original Color

35.9448, 37.9884, 41.0353

Protanomaly

36.3044, 37.9154, 40.5269

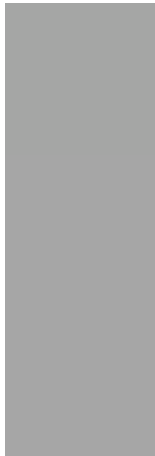
Deuteranomaly

37.4825, 37.7078, 41.3792

Tritanomaly

36.7238, 38.0344, 44.9410

Monochromacy



Original Color

35.9448, 37.9884, 41.0353

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.2450, 38.1326, 41.5264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9448, 37.9884, 41.0353 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, 166, 165) looks like.

```
.text, #text, p{  
    color:rgb(165, 166, 165)  
}
```

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, 166, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 166, 165) }
```

Border

The CSS property to change the border of an element to XYZ 35.9448, 37.9884, 41.0353 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, 166, 165) }
```

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

```
.border{ border-color:rgb(165, 166, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 166, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 166, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 166, 165);  
box-shadow:4px 4px 4px 4px rgb(165, 166,  
165) }
```


Background

The CSS property to change the background color of an element to XYZ 35.9448, 37.9884, 41.0353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 166, 165) }
```

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

```
.background{ background-color: rgb(165,  
166, 165) }
```

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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