

Converting Colors

XYZ(34.5688, 36.4665, 40.7639)

Have a look what the booklet for
XYZ(34.5688, 36.4665, 40.7639)
contains.

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Color

**XYZ(34.5867, 36.4881,
40.8173)**

Conversions

Conversions Part 1

Format	Color
Hex	A1A3A5
RGB	161, 163, 165
RGB Percent	63%, 64%, 65%
CMY	0.3686, 0.3608, 0.3529
CMYK	0.02, 0.01, 0.00, 0.35
HSL	210°, 2%, 64%
HSV	210°, 2%, 65%
XYZ	34.5867, 36.4881, 40.8173
YIQ	162.6300, -1.8340, 0.1980

Conversions

Conversions Part 2

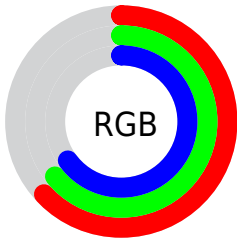
Format	Color
RYB	161, 162, 165
Decimal	10593189
CIELab	66.89, -0.32, -1.29
CIElCh	67, 1.333, 255.948
Yxy	36.4881, 0.3091, 0.3261
Android (android.graphics.Color)	4288783269 (0xFFA1A3A5)
YUV	162.6300, 1.1684, -1.4295
Hunter-Lab	60.4054, -3.5045, 2.2202

Details

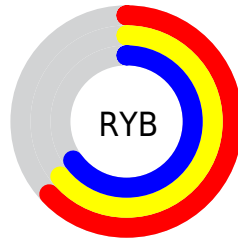
The XYZ color **34.5867, 36.4881, 40.8173** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.0473, 36.7665, 38.9683**, and the grayscale version is **34.6346, 36.4383, 39.6813**.

A 20% lighter version of the original color is **66.3086, 69.9090, 77.7091**, and **15.0955, 15.8761, 17.8916** is the 20% darker color. If you saturate the color by 10%, you get **30.0633, 32.0558, 40.2007**, and if you desaturate by 10%, it is **39.6463, 41.3403, 41.4878**.

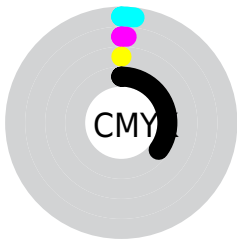
Distribution



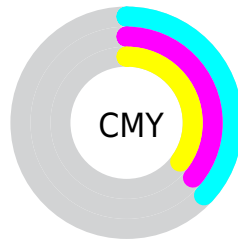
- Red (63%)
- Green (64%)
- Blue (65%)



- Red (63%)
- Yellow (64%)
- Blue (65%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (35%)



- Cyan (37%)
- Magenta (36%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5867, 36.4881, 40.8173 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 34.5867, 36.4881, 40.8173 by changing the saturation by 10% instead.

■ 34.5867, 36.4881,
40.8173

■ 34.5867, 36.4881,
40.8173

314.2803,
331.0889, 365.2104

■ 23.5097, 24.8114,
27.8577

■ 66.1833, 69.7848,
77.6571

■ 15.0931, 15.9366,
17.9803

■ 87.4335, 92.1735,
102.3745

■ 8.9715, 9.4793,
10.7666

112.8056,
118.9018, 131.8481

■ 4.7795, 5.0551,
5.7979

142.6648,
150.3539, 166.4967

■ 2.1519, 2.2796,
2.6558

177.3765,
186.9143, 206.7386

■ 0.7172, 0.7629,
0.9211

217.3061,

■ 0.0000, 0.0000,

228.9673, 252.9926

0.0000

262.8189,
276.8974, 305.6770

■ 34.5867, 36.4881,
40.8173

■ 34.5867, 36.4881,
40.8173

■ 30.0633, 32.0558,
40.2007

■ 39.6463, 41.3403,
41.4878

■ 26.0542, 28.0265,
39.6343

■ 45.2569, 46.6196,
42.2111

■ 22.5403, 24.3885,
39.1173

■ 51.4365, 52.3389,
42.9893

■ 19.5003, 21.1280,
38.6482

■ 58.2013, 58.5090,
43.8237

■ 16.9110, 18.2302,
38.2253

■ 65.5670, 65.1403,
44.7154

■ 14.7475, 15.6792,
37.8470

■ 71.6842, 71.2818,
45.5785

■ 12.9816, 13.4572,
37.5112

■ 73.8022, 75.5178,
46.2845

■ 11.5818, 11.5448,
37.2158

■ 76.0269, 79.9672,
47.0260

■ 10.5108, 9.9193,
36.9585

■ 78.3598, 84.6329,
47.8036

Harmonies

Analogous

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



34.4117, 36.4881, 40.5335



34.5867, 36.4881, 40.8173



34.7876, 36.4881, 40.8076

Triad

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



34.5867, 36.4881, 40.8173



35.0553, 36.4881, 39.4247



34.4027, 36.4881, 38.9615

Complementary

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



34.5867, 36.4881, 40.8173



35.0473, 36.7665, 38.9683

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.



34.5743, 36.4881, 38.6702



34.5867, 36.4881, 40.8173



34.9514, 36.4881, 38.9359

Square

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



34.5867, 36.4881, 40.8173



35.0587, 36.4881, 39.9998



34.7752, 36.4881, 38.6609



34.3057, 36.4881, 39.4601

Rectangle

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



34.5867, 36.4881, 40.8173



34.9092, 36.4881, 40.6359



34.7752, 36.4881, 38.6609



34.4535, 36.4881, 38.8363

Sweetspot

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



34.5877, 36.4897, 40.8181



63.1584, 66.5251, 73.2642



34.7585, 37.1299, 39.9544



13.8189, 14.5546, 16.0185



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



34.5877, 36.4897, 40.8181



61.4042, 64.8267, 73.0288



34.2466, 35.8074, 40.7044



7.5438, 7.9700, 9.0438



7.5057, 6.7908, 27.8449



0.2050, 0.2372, 0.6008

Inverse Universe

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



34.8736, 36.1341, 39.7888



62.0476, 64.0306, 70.7113



35.3937, 37.4593, 39.0837



7.6402, 7.8514, 8.6964



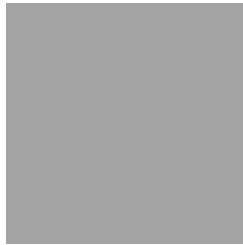
12.9340, 6.5297, 6.8431



0.2956, 0.1467, 0.2694

Previews

White Background



This preview shows how the XYZ color 34.5867, 36.4881, 40.8173 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 34.5867, 36.4881, 40.8173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

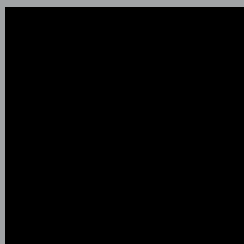
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.5867, 36.4881, 40.8173

Background



This preview shows how black text looks on a background with the XYZ color 34.5867, 36.4881, 40.8173.



This preview shows how white text looks on a background with the XYZ color 34.5867, 36.4881,

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

34.5867, 36.4881, 40.8173

Protanopia

35.1382, 36.5203, 40.3191

Deuteranopia

37.2413, 36.5540, 41.1692



Tritanopia

35.4606, 36.5780, 45.2357

Trichromacy



Original Color

34.5867, 36.4881, 40.8173

Protanomaly

34.9310, 36.4135, 40.3094

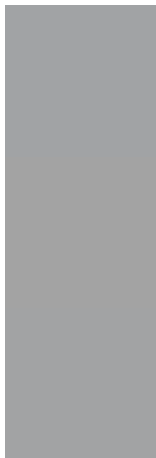
Deuteranomaly

36.2483, 36.5527, 41.2213

Tritanomaly

35.1713, 36.4623, 43.7123

Monochromacy



Original Color

34.5867, 36.4881, 40.8173

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.6983, 36.5561, 40.3492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5867, 36.4881, 40.8173 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, 163, 165) looks like.

```
.text, #text, p{  
    color:rgb(161, 163, 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(161, 163, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 163, 165) }
```

Border

The CSS property to change the border of an element to XYZ 34.5867, 36.4881, 40.8173 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, 163, 165) }
```


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

```
.border{ border-color:rgb(161, 163, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 163, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 163, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 163, 165);  
box-shadow:4px 4px 4px 4px rgb(161, 163,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5867, 36.4881, 40.8173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 163, 165) }
```

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

```
.background{ background-color: rgb(161,  
163, 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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