

Converting Colors

XYZ(34.1543, 36.3883, 40.9066)

Have a look what the booklet for
XYZ(34.1543, 36.3883, 40.9066)
contains.

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Color

**XYZ(33.9893, 36.1801,
40.7893)**

Conversions

Conversions Part 1

Format	Color
Hex	9EA3A5
RGB	158, 163, 165
RGB Percent	62%, 64%, 65%
CMY	0.3804, 0.3608, 0.3529
CMYK	0.04, 0.01, 0.00, 0.35
HSL	197°, 4%, 63%
HSV	197°, 4%, 65%
XYZ	33.9893, 36.1801, 40.7893
YIQ	161.7330, -3.6220, -0.4380

Conversions

Conversions Part 2

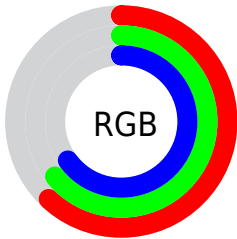
Format	Color
R_YB	158, 161, 165
Decimal	10396581
CIE Lab	66.66, -1.38, -1.66
CIE LCh	67, 2.163, 230.261
Yxy	36.1801, 0.3063, 0.3261
Android (android.graphics.Color)	4288586661 (0xFF9EA3A5)
YUV	161.7330, 1.6106, -3.2738
Hunter-Lab	60.1499, -4.3961, 1.8987

Details

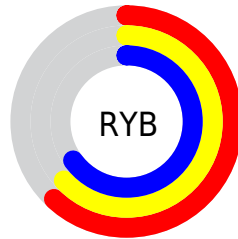
The XYZ color **33.9893, 36.1801, 40.7893** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.2595, 35.6093, 37.4160**, and the grayscale version is **34.2126, 35.9943, 39.1978**.

A 20% lighter version of the original color is **65.4302, 69.4562, 77.6680**, and **14.7285, 15.6869, 17.8744** is the 20% darker color. If you saturate the color by 10%, you get **30.1389, 32.9782, 40.3747**, and if you desaturate by 10%, it is **38.3086, 39.6720, 41.2362**.

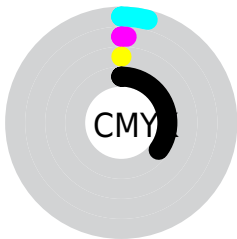
Distribution



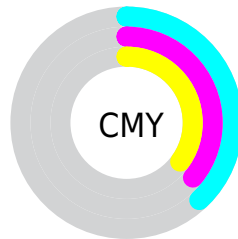
- Red (62%)
- Green (64%)
- Blue (65%)



- Red (62%)
- Yellow (63%)
- Blue (65%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (35%)



- Cyan (38%)
- Magenta (36%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.9893, 36.1801, 40.7893 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 33.9893, 36.1801, 40.7893 by changing the saturation by 10% instead.

■ 33.9893, 36.1801,
40.7893

■ 33.9893, 36.1801,
40.7893

311.6711,
329.7470, 365.0898

■ 23.0482, 24.5733,
27.8360

■ 65.2614, 69.3100,
77.6141

■ 14.7500, 15.7595,
17.9641

■ 86.3232, 91.6018,
102.3228

■ 8.7293, 9.3541,
10.7551

111.4892,
118.2242, 131.7869

■ 4.6207, 4.9729,
5.7903

141.1249,
149.5614, 166.4252

■ 2.0589, 2.2313,
2.6513

175.5956,
185.9979, 206.6561

■ 0.6667, 0.7370,
0.9187

215.2666,

■ 0.0000, 0.0000,

227.9181, 252.8981

0.0000

260.5033,
275.7063, 305.5698

■ 33.9893, 36.1801,
40.7893

■ 33.9893, 36.1801,
40.7893

■ 30.1389, 32.9782,
40.3747

■ 38.3086, 39.6720,
41.2362

■ 26.7369, 30.0520,
39.9893

■ 43.1105, 43.4584,
41.7140

■ 23.7655, 27.3931,
39.6326

■ 48.4116, 47.5494,
42.2242

■ 21.2046, 24.9905,
39.3039

■ 54.2271, 51.9531,
42.7677

■ 19.0325, 22.8325,
39.0018

■ 60.5713, 56.6775,
43.3452

■ 17.2252, 20.9062,
38.7253

■ 66.7175, 61.3484,
43.9229

■ 15.7560, 19.1973,
38.4728

■ 67.7626, 63.4387,
44.2712

■ 14.5943, 17.6895,
38.2430

■ 68.8411, 65.5956,
44.6307

■ 13.7032, 16.3632,
38.0340

■ 69.9532, 67.8197,
45.0014

Harmonies

Analogous

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



33.8039, 36.1801, 40.0184



33.9893, 36.1801, 40.7893



34.2823, 36.1801, 41.1882

Triad

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



33.9893, 36.1801, 40.7893



35.0090, 36.1801, 39.6981



34.1717, 36.1801, 37.7353

Complementary

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



33.9893, 36.1801, 40.7893



34.2595, 35.6093, 37.4160

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.



34.4941, 36.1801, 37.6526



33.9893, 36.1801, 40.7893



34.9789, 36.1801, 38.7761

Square

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



33.9893, 36.1801, 40.7893



34.8719, 36.1801, 40.5517



34.7900, 36.1801, 38.0308



33.9088, 36.1801, 38.2585

Rectangle

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



33.9893, 36.1801, 40.7893



34.4998, 36.1801, 41.1853



34.7900, 36.1801, 38.0308



34.2767, 36.1801, 37.6554

Sweetspot

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



33.9903, 36.1816, 40.7901



63.2739, 66.7562, 73.3027



33.9000, 36.7174, 38.5511



13.8427, 14.6022, 16.0264



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.



33.9903, 36.1816, 40.7901



60.2555, 64.2908, 72.9859



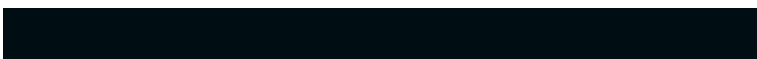
33.3799, 34.9607, 40.5866



7.4281, 7.9357, 9.0433



10.0757, 11.9309, 28.7016



0.2488, 0.3249, 0.6154

Inverse Universe

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



34.3556, 35.0981, 39.6160



61.0378, 61.9803, 70.4691



34.8723, 36.8349, 37.6203



7.5337, 7.6246, 8.7034



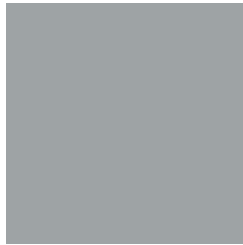
14.2312, 7.0486, 13.6742



0.3177, 0.1556, 0.3859

Previews

White Background



This preview shows how the XYZ color 33.9893, 36.1801, 40.7893 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 33.9893, 36.1801, 40.7893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

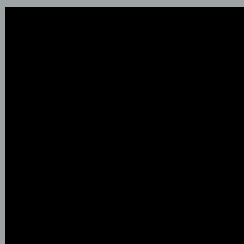
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

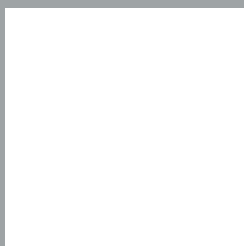
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.9893, 36.1801, 40.7893

Background



This preview shows how black text looks on a background with the XYZ color 33.9893, 36.1801, 40.7893.



This preview shows how white text looks on a background with the XYZ color 33.9893, 36.1801,

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

33.9893, 36.1801, 40.7893

Protanopia

34.7556, 36.0626, 40.2509

Deuteranopia

36.8444, 36.0972, 41.1019



Tritanopia

35.0575, 36.3702, 45.2168

Trichromacy



Original Color

33.9893, 36.1801, 40.7893

Protanomaly

34.5215, 36.2024, 40.2902

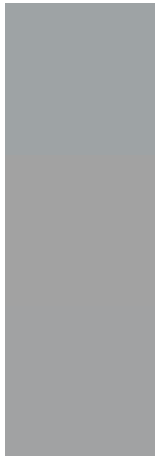
Deuteranomaly

35.6433, 35.9845, 41.1435

Tritanomaly

34.5691, 36.1519, 43.6841

Monochromacy



Original Color

33.9893, 36.1801, 40.7893

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.2291, 36.0621, 39.8069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9893, 36.1801, 40.7893 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(158, 163, 165) looks like.

```
.text, #text, p{  
    color:rgb(158, 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(158, 163, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 163, 165) }
```

Border

The CSS property to change the border of an element to XYZ 33.9893, 36.1801, 40.7893 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(158, 163, 165) }
```


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

```
.border{ border-color:rgb(158, 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(158, 163, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 163, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 163, 165);  
box-shadow:4px 4px 4px 4px rgb(158, 163,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9893, 36.1801, 40.7893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 163, 165) }
```

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

```
.background{ background-color: rgb(158,  
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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