

Converting Colors

XYZ(33.9372, 36.3692, 40.2383)

Have a look what the booklet for
XYZ(33.9372, 36.3692, 40.2383)
contains.

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Color

**XYZ(34.0769, 36.5004,
40.3712)**

Conversions

Conversions Part 1

Format	Color
Hex	9EA4A4
RGB	158, 164, 164
RGB Percent	62%, 64%, 64%
CMY	0.3804, 0.3568, 0.3569
CMYK	0.04, 0.00, 0.00, 0.36
HSL	180°, 3%, 63%
HSV	180°, 4%, 64%
XYZ	34.0769, 36.5004, 40.3712
YIQ	162.2060, -3.5760, -1.2720

Conversions

Conversions Part 2

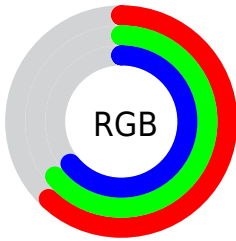
Format	Color
RYB	158, 161, 164
Decimal	10396836
CIELab	66.90, -2.13, -0.75
CIELCh	67, 2.255, 199.417
Yxy	36.5004, 0.3071, 0.3290
Android (android.graphics.Color)	4288586916 (0xFF9EA4A4)
YUV	162.2060, 0.8844, -3.6887
Hunter-Lab	60.4156, -5.0458, 2.6718

Details

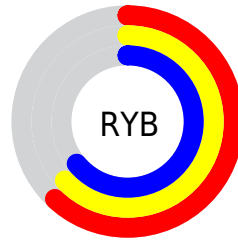
The XYZ color **34.0769, 36.5004, 40.3712** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.7097, 34.8159, 37.2931**, and the grayscale version is **34.4373, 36.2307, 39.4552**.

A 20% lighter version of the original color is **65.5583, 69.9236, 77.0592**, and **14.7822, 15.8840, 17.6160** is the 20% darker color. If you saturate the color by 10%, you get **31.0634, 34.9480, 40.2274**, and if you desaturate by 10%, it is **37.5230, 38.2779, 40.5368**.

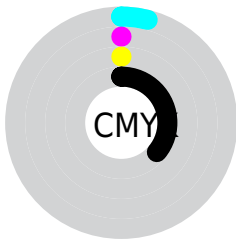
Distribution



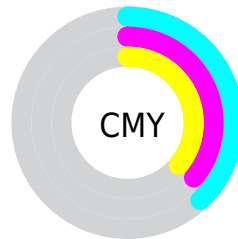
- Red (62%)
- Green (64%)
- Blue (64%)



- Red (62%)
- Yellow (63%)
- Blue (64%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (36%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.0769, 36.5004, 40.3712 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 34.0769, 36.5004, 40.3712 by changing the saturation by 10% instead.

■ 34.0769, 36.5004,
40.3712

■ 34.0769, 36.5004,
40.3712

312.0547,
331.1424, 363.2842

■ 23.1159, 24.8209,
27.5121

■ 65.3967, 69.8037,
76.9717

■ 14.8002, 15.9437,
17.7224

■ 86.4862, 92.1964,
101.5502

■ 8.7647, 9.4843,
10.5835

111.6826,
118.9288, 130.8722

■ 4.6439, 5.0584,
5.6769

141.3512,
150.3855, 165.3563

■ 2.0725, 2.2816,
2.5840

175.8573,
186.9508, 205.4210

■ 0.6742, 0.7639,
0.8842

215.5664,

■ 0.0000, 0.0000,

229.0091, 251.4848

0.0000

260.8437,
276.9449, 303.9664

■ 34.0769, 36.5004,
40.3712

■ 34.0769, 36.5004,
40.3712

■ 31.0634, 34.9480,
40.2274

■ 37.5230, 38.2779,
40.5368

■ 28.4625, 33.6073,
40.1021

■ 41.4146, 40.2840,
40.7225

■ 26.2572, 32.4704,
39.9953

■ 45.7679, 42.5281,
40.9298

■ 24.4281, 31.5276,
39.9061

■ 50.5974, 45.0177,
41.1594

■ 22.9541, 30.7678,
39.8336

■ 55.9169, 47.7599,
41.4119

■ 21.8124, 30.1793,
39.7766

■ 61.2212, 50.4944,
41.6637

■ 20.9769, 29.7487,
39.7339

■ 61.2219, 50.4946,
41.6673

■ 20.4183, 29.4608,
39.7042

■ 61.2226, 50.4949,
41.6709

■ 20.1011, 29.2974,
39.6858

■ 61.2233, 50.4952,
41.6745

Harmonies

Analogous

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



34.0510, 36.5004, 39.3983



34.0769, 36.5004, 40.3712



34.2671, 36.5004, 41.1882

Triad

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



34.0769, 36.5004, 40.3712



35.1936, 36.5004, 40.9788



34.8133, 36.5004, 37.9226

Complementary

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



34.0769, 36.5004, 40.3712



33.7097, 34.8159, 37.2931

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.



35.1215, 36.5004, 38.3315



34.0769, 36.5004, 40.3712



35.3420, 36.5004, 40.0891

Square

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



34.0769, 36.5004, 40.3712



34.9113, 36.5004, 41.5429



35.3155, 36.5004, 39.1208



34.4747, 36.5004, 37.9953

Rectangle

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



34.0769, 36.5004, 40.3712



34.4622, 36.5004, 41.5294



35.3155, 36.5004, 39.1208



34.9239, 36.5004, 38.0080

Sweetspot

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



34.0779, 36.5020, 40.3720



63.4284, 67.0653, 73.3535



33.5684, 36.3004, 37.5858



13.8745, 14.6658, 16.0369



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.



34.0779, 36.5020, 40.3720



61.6114, 66.1287, 73.2665



33.5648, 35.4754, 40.2022



7.5977, 8.1770, 9.0806



15.3116, 22.4110, 30.4213



0.3218, 0.4709, 0.6394

Inverse Universe

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



33.7097, 34.8159, 37.2931



60.8692, 62.7304, 67.0609



34.2102, 35.8173, 37.4587



7.4935, 7.7000, 8.2095



11.7392, 6.0517, 0.5513



0.2467, 0.1272, 0.0118

Previews

White Background



This preview shows how the XYZ color 34.0769, 36.5004, 40.3712 looks on a white background.

Color Contrast Check

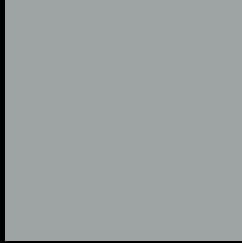
Large Text (above 18pt) WCAG AA × Fail

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 34.0769, 36.5004, 40.3712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

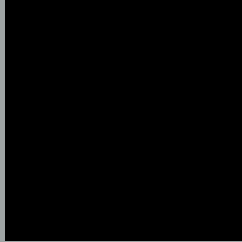
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

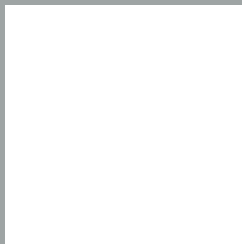
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.0769, 36.5004, 40.3712

Background



This preview shows how black text looks on a background with the XYZ color 34.0769, 36.5004, 40.3712.



This preview shows how white text looks on a background with the XYZ color 34.0769, 36.5004,

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

34.0769, 36.5004, 40.3712

Protanopia

35.0482, 36.4843, 39.8453

Deuteranopia

37.1499, 36.5174, 40.6879



Tritanopia

35.1554, 36.4094, 45.7323

Trichromacy



Original Color

34.0769, 36.5004, 40.3712

Protanomaly

34.6083, 36.5201, 39.8754

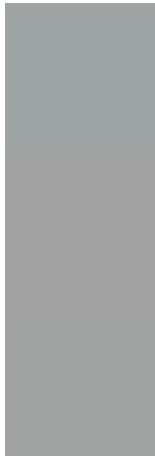
Deuteranomaly

35.9399, 36.4043, 40.7298

Tritanomaly

34.7460, 36.5056, 43.7431

Monochromacy



Original Color

34.0769, 36.5004, 40.3712

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.4060, 36.4158, 39.8659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0769, 36.5004, 40.3712 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, 164, 164) looks like.

```
.text, #text, p{  
    color:rgb(158, 164, 164)  
}
```

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, 164, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 164, 164) }
```

Border

The CSS property to change the border of an element to XYZ 34.0769, 36.5004, 40.3712 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, 164, 164) }
```


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

```
.border{ border-color:rgb(158, 164, 164) }
```

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

Here you see how a box with a 4 pixel rgb(158, 164, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 164, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 164, 164);  
box-shadow:4px 4px 4px 4px rgb(158, 164,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0769, 36.5004, 40.3712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 164, 164) }
```

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

```
.background{ background-color: rgb(158,  
164, 164) }
```

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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