

Converting Colors

XYZ(34.5116, 36.5840, 40.4299)

Have a look what the booklet for
XYZ(34.5116, 36.5840, 40.4299)
contains.

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Color

**XYZ(34.4960, 36.4518,
40.3397)**

Conversions

Conversions Part 1

Format	Color
Hex	A1A3A4
RGB	161, 163, 164
RGB Percent	63%, 64%, 64%
CMY	0.3686, 0.3608, 0.3569
CMYK	0.02, 0.01, 0.00, 0.36
HSL	200°, 2%, 64%
HSV	200°, 2%, 64%
XYZ	34.4960, 36.4518, 40.3397
YIQ	162.5160, -1.5130, -0.1130

Conversions

Conversions Part 2

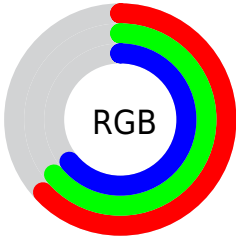
Format	Color
RYB	161, 162, 164
Decimal	10593188
CIELab	66.86, -0.52, -0.78
CIELCh	67, 0.932, 236.293
Yxy	36.4518, 0.3100, 0.3275
Android (android.graphics.Color)	4288783268 (0xFFA1A3A4)
YUV	162.5160, 0.7316, -1.3295
Hunter-Lab	60.3753, -3.6692, 2.6482

Details

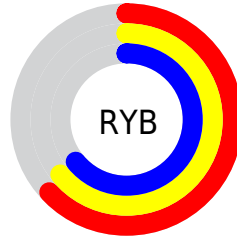
The XYZ color **34.4960, 36.4518, 40.3397** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.6633, 36.3060, 38.8996**, and the grayscale version is **34.5828, 36.3838, 39.6220**.

A 20% lighter version of the original color is **66.1765, 69.8562, 77.0136**, and **15.0395, 15.8537, 17.5966** is the 20% darker color. If you saturate the color by 10%, you get **30.4585, 32.9652, 39.8801**, and if you desaturate by 10%, it is **39.0109, 40.2485, 40.8351**.

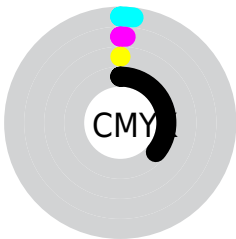
Distribution



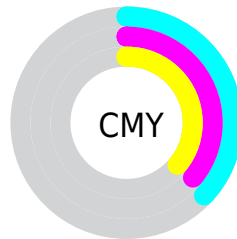
- Red (63%)
- Green (64%)
- Blue (64%)



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



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (36%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4960, 36.4518, 40.3397 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 34.4960, 36.4518, 40.3397 by changing the saturation by 10% instead.

■ 34.4960, 36.4518,
40.3397

■ 34.4960, 36.4518,
40.3397

313.8852,
330.9310, 363.1479

■ 23.4396, 24.7833,
27.4877

■ 66.0434, 69.7288,
76.9233

■ 15.0409, 15.9157,
17.7042

■ 87.2652, 92.1062,
101.4919

■ 8.9346, 9.4645,
10.5706

112.6061,
118.8220, 130.8032

■ 4.7553, 5.0454,
5.6684

142.4314,
150.2606, 165.2756

■ 2.1377, 2.2739,
2.5790

177.1067,
186.8064, 205.3278

■ 0.7096, 0.7599,
0.8816

216.9972,

■ 0.0000, 0.0000,

228.8438, 251.3782

0.0000

262.4682,
276.7572, 303.8453

■ 34.4960, 36.4518,
40.3397

■ 34.4960, 36.4518,
40.3397

■ 30.4585, 32.9652,
39.8801

■ 39.0109, 40.2485,
40.8351

■ 26.8779, 29.7743,
39.4529

■ 44.0163, 44.3597,
41.3649

■ 23.7369, 26.8705,
39.0579

■ 49.5289, 48.7959,
41.9306

■ 21.0160, 24.2428,
38.6941

■ 55.5634, 53.5653,
42.5331

■ 18.6938, 21.8794,
38.3604

■ 62.1340, 58.6760,
43.1733

■ 16.7472, 19.7676,
38.0553

■ 67.6164, 63.2913,
43.7752

■ 15.1504, 17.8932,
37.7777

■ 68.8662, 65.7909,
44.1918

■ 13.8740, 16.2402,
37.5259

■ 70.1611, 68.3808,
44.6234

■ 12.8833, 14.7899,
37.2982

■ 71.5017, 71.0618,
45.0702

Harmonies

Analogous

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



34.4037, 36.4518, 40.0350



34.4960, 36.4518, 40.3397



34.6288, 36.4518, 40.4702

Triad

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



34.4960, 36.4518, 40.3397



34.9178, 36.4518, 39.7401



34.5263, 36.4518, 38.9973

Complementary

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



34.4960, 36.4518, 40.3397



34.6633, 36.3060, 38.8996

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.



34.6639, 36.4518, 38.9195



34.4960, 36.4518, 40.3397



34.8901, 36.4518, 39.3466

Square

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



34.4960, 36.4518, 40.3397



34.8725, 36.4518, 40.1226



34.7971, 36.4518, 39.0469



34.4211, 36.4518, 39.2602

Rectangle

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



34.4960, 36.4518, 40.3397



34.7225, 36.4518, 40.4403



34.7971, 36.4518, 39.0469



34.5703, 36.4518, 38.9487

Sweetspot

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



34.4970, 36.4534, 40.3405



63.2484, 66.7053, 73.2942



34.4911, 36.7354, 39.4325



13.8375, 14.5917, 16.0247



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.



34.4970, 36.4534, 40.3405



62.4555, 66.0304, 73.2057



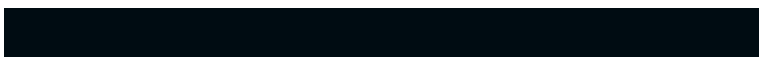
34.2406, 35.9404, 40.2550



7.7601, 8.2006, 9.0769



9.4156, 10.6107, 28.4816



0.2384, 0.3041, 0.6120

Inverse Universe

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



34.6664, 36.0273, 39.7790



62.7976, 65.1707, 72.0712



34.9207, 36.8208, 38.9854



7.7987, 8.1035, 8.9490



13.8980, 6.9153, 11.9197



0.3125, 0.1535, 0.3583

Previews

White Background



This preview shows how the XYZ color 34.4960, 36.4518, 40.3397 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 34.4960, 36.4518, 40.3397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

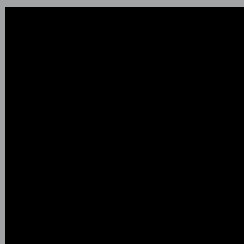
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.4960, 36.4518, 40.3397

Background



This preview shows how black text looks on a background with the XYZ color 34.4960, 36.4518, 40.3397.



This preview shows how white text looks on a background with the XYZ color 34.4960, 36.4518,

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

34.4960, 36.4518, 40.3397

Protanopia

35.0482, 36.4843, 39.8453

Deuteranopia

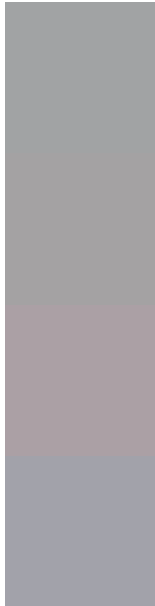
37.1499, 36.5174, 40.6879



Tritanopia

35.4891, 36.3323, 45.1867

Trichromacy



Original Color

34.4960, 36.4518, 40.3397

Protanomaly

34.8410, 36.3775, 39.8356

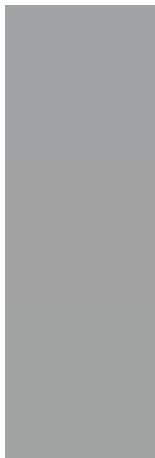
Deuteranomaly

36.1569, 36.5162, 40.7400

Tritanomaly

35.0763, 36.4243, 43.2121

Monochromacy



Original Color

34.4960, 36.4518, 40.3397

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.6083, 36.5201, 39.8754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4960, 36.4518, 40.3397 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(161, 163, 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(161, 163, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 163, 164) }
```

Border

The CSS property to change the border of an element to XYZ 34.4960, 36.4518, 40.3397 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, 164) }
```


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

```
.border{ border-color:rgb(161, 163, 164) }
```

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, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 163, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 163, 164);  
box-shadow:4px 4px 4px 4px rgb(161, 163,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4960, 36.4518, 40.3397 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, 164) }
```

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

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