

Converting Colors

XYZ(34.7643, 36.5645, 40.7790)

Have a look what the booklet for
XYZ(34.7643, 36.5645, 40.7790)
contains.

XYZ(34.7890, 36.5924, 40.8268)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.7890, 36.5924,
40.8268)**

Conversions

Conversions Part 1

Format	Color
Hex	A2A3A5
RGB	162, 163, 165
RGB Percent	64%, 64%, 65%
CMY	0.3647, 0.3608, 0.3529
CMYK	0.02, 0.01, 0.00, 0.35
HSL	220°, 2%, 64%
HSV	220°, 2%, 65%
XYZ	34.7890, 36.5924, 40.8268
YIQ	162.9290, -1.2380, 0.4100

Conversions

Conversions Part 2

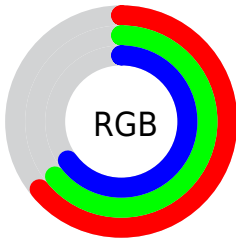
Format	Color
RYB	162, 163, 165
Decimal	10658725
CIELab	66.97, 0.03, -1.17
CIElCh	67, 1.168, 271.516
Yxy	36.5924, 0.3100, 0.3261
Android (android.graphics.Color)	4288848805 (0xFFA2A3A5)
YUV	162.9290, 1.0210, -0.8147
Hunter-Lab	60.4917, -3.2043, 2.3284

Details

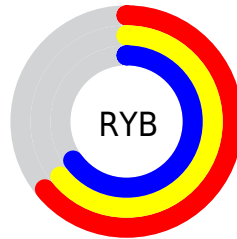
The XYZ color **34.7890, 36.5924, 40.8268** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.3141, 37.1584, 39.4939**, and the grayscale version is **34.7759, 36.5869, 39.8432**.

A 20% lighter version of the original color is **66.6049, 70.0618, 77.7230**, and **15.0955, 15.8761, 17.8916** is the 20% darker color. If you saturate the color by 10%, you get **29.7887, 31.2451, 40.0588**, and if you desaturate by 10%, it is **40.4006, 42.5083, 41.6735**.

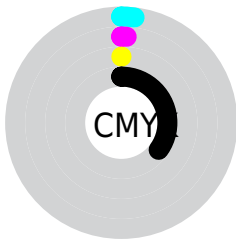
Distribution



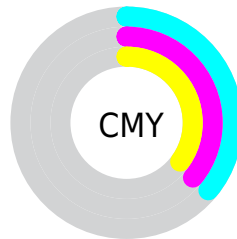
- Red (64%)
- Green (64%)
- Blue (65%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7890, 36.5924, 40.8268 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 34.7890, 36.5924, 40.8268 by changing the saturation by 10% instead.

■ 34.7890, 36.5924,
40.8268

■ 34.7890, 36.5924,
40.8268

315.1604,
331.5425, 365.2514

■ 23.6661, 24.8921,
27.8651

■ 66.4949, 69.9454,
77.6717

■ 15.2095, 15.9967,
17.9858

■ 87.8087, 92.3669,
102.3920

■ 9.0538, 9.5218,
10.7705

113.2502,
119.1310, 131.8689

■ 4.8337, 5.0831,
5.8005

143.1847,
150.6219, 166.5209

■ 2.1838, 2.2961,
2.6573

177.9777,
187.2241, 206.7667

■ 0.7342, 0.7716,
0.9218

217.9943,

■ 0.0000, 0.0000,

229.3220, 253.0246

0.0000

263.6001,
277.3000, 305.7134

■ 34.7890, 36.5924,
40.8268

■ 34.7890, 36.5924,
40.8268

■ 29.7887, 31.2451,
40.0588

■ 40.4006, 42.5083,
41.6735

■ 25.3753, 26.4445,
39.3648

■ 46.6406, 49.0048,
42.5985

■ 21.5274, 22.1738,
38.7433

■ 53.5292, 56.0991,
43.6048

■ 18.2207, 18.4138,
38.1918

■ 61.0849, 63.8066,
44.6943

■ 15.4295, 15.1438,
37.7077

■ 69.3253, 72.1418,
45.8688

■ 13.1258, 12.3418,
37.2883

■ 76.0248, 79.9629,
47.0253

■ 11.2783, 9.9838,
36.9305

■ 79.1590, 86.2314,
48.0701

■ 9.8524, 8.0433,
36.6311

■ 82.4890, 92.8913,
49.1801

■ 8.8071, 6.4901,
36.3864

■ 83.7916, 95.4967,
49.6143

Harmonies

Analogous

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



34.6177, 36.5924, 40.7072



34.7890, 36.5924, 40.8268



34.9585, 36.5924, 40.6810

Triad

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



34.7890, 36.5924, 40.8268



35.0714, 36.5924, 39.3348



34.4812, 36.5924, 39.3791

Complementary

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



34.7890, 36.5924, 40.8268



35.3141, 37.1584, 39.4939

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.



34.6021, 36.5924, 39.0164



34.7890, 36.5924, 40.8268



34.9428, 36.5924, 38.9910

Square

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



34.7890, 36.5924, 40.8268



35.1219, 36.5924, 39.8171



34.7710, 36.5924, 38.8749



34.4403, 36.5924, 39.8687

Rectangle

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



34.7890, 36.5924, 40.8268



35.0475, 36.5924, 40.4535



34.7710, 36.5924, 38.8749



34.5138, 36.5924, 39.2385

Sweetspot

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



34.7900, 36.5940, 40.8276



63.0687, 66.3459, 73.2343



35.0523, 37.2708, 40.4453



13.8004, 14.5176, 16.0123



78.6606, 82.7571, 90.1225



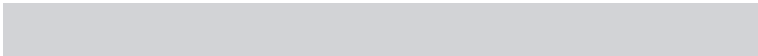
14.0027, 14.7319, 16.0430

Same Dimension

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



34.7900, 36.5940, 40.8276



62.0985, 65.3164, 73.0867



34.7042, 36.2864, 40.7727



7.7198, 8.1200, 9.0635



6.2194, 4.2181, 27.4162



0.1727, 0.1727, 0.5901

Inverse Universe

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



35.0490, 36.4850, 39.8473



62.6174, 65.0986, 71.1222



35.4009, 37.4707, 39.5496



7.7783, 8.0954, 8.8419



12.2847, 6.2699, 3.4239



0.2794, 0.1402, 0.1837

Previews

White Background



This preview shows how the XYZ color 34.7890, 36.5924, 40.8268 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 34.7890, 36.5924, 40.8268 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

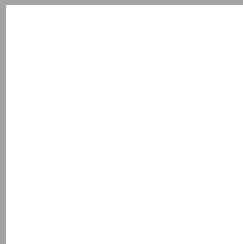
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.7890, 36.5924, 40.8268

Background



This preview shows how black text looks on a background with the XYZ color 34.7890, 36.5924, 40.8268.



This preview shows how white text looks on a background with the XYZ color 34.7890, 36.5924,

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

34.7890, 36.5924, 40.8268

Protanopia

35.1382, 36.5203, 40.3191

Deuteranopia

37.2413, 36.5540, 41.1692



Tritanopia

35.6646, 36.6832, 45.2452

Trichromacy



Original Color

34.7890, 36.5924, 40.8268

Protanomaly

34.9310, 36.4135, 40.3094

Deuteranomaly

36.4670, 36.6654, 41.2315

Tritanomaly

35.3753, 36.5675, 43.7218

Monochromacy



Original Color

34.7890, 36.5924, 40.8268

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.9023, 36.6613, 40.3587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7890, 36.5924, 40.8268 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(162, 163, 165)` looks like.

```
.text, #text, p{  
    color:rgb(162, 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(162, 163, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 163, 165) }
```

Border

The CSS property to change the border of an element to XYZ 34.7890, 36.5924, 40.8268 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(162, 163, 165) }
```


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

```
.border{ border-color:rgb(162, 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(162, 163, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 163, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 163, 165);  
box-shadow:4px 4px 4px 4px rgb(162, 163,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7890, 36.5924, 40.8268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 163, 165) }
```

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

```
.background{ background-color: rgb(162,  
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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