

Converting Colors

XYZ(34.8382, 36.6320, 41.5326)

Have a look what the booklet for
XYZ(34.8382, 36.6320, 41.5326)
contains.

XYZ(34.6781, 36.5246, 41.2986)	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(34.6781, 36.5246,
41.2986)**

Conversions

Conversions Part 1

Format	Color
Hex	A1A3A6
RGB	161, 163, 166
RGB Percent	63%, 64%, 65%
CMY	0.3686, 0.3608, 0.3490
CMYK	0.03, 0.02, 0.00, 0.35
HSL	216°, 3%, 64%
HSV	216°, 3%, 65%
XYZ	34.6781, 36.5246, 41.2986
YIQ	162.7440, -2.1550, 0.5090

Conversions

Conversions Part 2

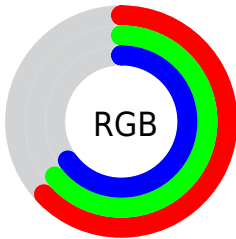
Format	Color
RYB	161, 162, 166
Decimal	10593190
CIELab	66.92, -0.13, -1.81
CIElCh	67, 1.814, 265.938
Yxy	36.5246, 0.3082, 0.3247
Android (android.graphics.Color)	4288783270 (0xFFA1A3A6)
YUV	162.7440, 1.6052, -1.5295
Hunter-Lab	60.4356, -3.3385, 1.7891

Details

The XYZ color **34.6781, 36.5246, 41.2986** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.4345, 37.2309, 39.0376**, and the grayscale version is **34.6863, 36.4927, 39.7406**.

A 20% lighter version of the original color is **66.4415, 69.9622, 78.4088**, and **15.1521, 15.8988, 18.1898** is the 20% darker color. If you saturate the color by 10%, you get **29.8546, 31.5181, 40.5870**, and if you desaturate by 10%, it is **40.0870, 42.0413, 42.0789**.

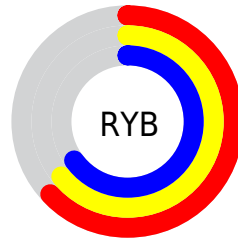
Distribution



Red (63%)

Green (64%)

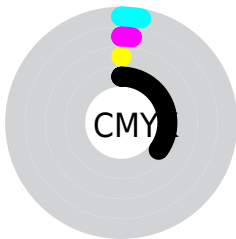
Blue (65%)



Red (63%)

Yellow (64%)

Blue (65%)

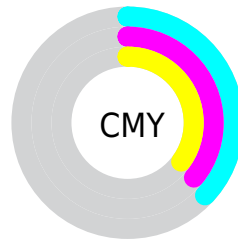


Cyan (3%)

Magenta (2%)

Yellow (0%)

Black (35%)



Cyan (37%)

Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6781, 36.5246, 41.2986 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 34.6781, 36.5246, 41.2986 by changing the saturation by 10% instead.

■ 34.6781, 36.5246,
41.2986

■ 34.6781, 36.5246,
41.2986

314.6782,
331.2477, 367.2806

■ 23.5804, 24.8396,
28.2310

■ 66.3241, 69.8410,
78.3956

■ 15.1457, 15.9576,
18.2593

■ 87.6031, 92.2412,
103.2620

■ 9.0087, 9.4942,
10.9650

113.0065,
118.9820, 132.8985

■ 4.8040, 5.0649,
5.9294

142.8998,
150.4477, 167.7236

■ 2.1663, 2.2854,
2.7341

177.6482,
187.0227, 208.1558

■ 0.7249, 0.7660,
0.9605

217.6172,

■ 0.0000, 0.0000,

229.0915, 254.6137

0.0000

263.1721,
277.0383, 307.5158

■ 34.6781, 36.5246,
41.2986

■ 34.6781, 36.5246,
41.2986

■ 29.8546, 31.5181,
40.5870

■ 40.0870, 42.0413,
42.0789

■ 25.5927, 27.0018,
39.9399

■ 46.0975, 48.0783,
42.9274

■ 21.8717, 22.9613,
39.3561

■ 52.7293, 54.6509,
43.8465

■ 18.6682, 19.3792,
38.8336

■ 60.0001, 61.7727,
44.8379

■ 15.9573, 16.2376,
38.3701

■ 67.9270, 69.4567,
45.9033

■ 13.7115, 13.5166,
37.9632

■ 74.4350, 76.6371,
46.9462

■ 11.9007, 11.1950,
37.6105

■ 77.1682, 82.1035,
47.8573

■ 10.4904, 9.2488,
37.3092

■ 80.0602, 87.8875,
48.8213

■ 9.4403, 7.6510,
37.0562

■ 83.1135, 93.9942,
49.8391

Harmonies

Analogous

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



34.4203, 36.5246, 41.0367



34.6781, 36.5246, 41.2986



34.9473, 36.5246, 41.1463

Triad

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



34.6781, 36.5246, 41.2986



35.1931, 36.5246, 39.1105



34.2794, 36.5246, 38.9270

Complementary

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



34.6781, 36.5246, 41.2986



35.4345, 37.2309, 39.0376

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.



34.4848, 36.5246, 38.4230



34.6781, 36.5246, 41.2986



35.0125, 36.5246, 38.5279

Square

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



34.6781, 36.5246, 41.2986



35.2456, 36.5246, 39.8764



34.7530, 36.5246, 38.2778



34.1908, 36.5246, 39.6619

Rectangle

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



34.6781, 36.5246, 41.2986



35.0968, 36.5246, 40.8314



34.7530, 36.5246, 38.2778



34.3370, 36.5246, 38.7254

Sweetspot

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



34.6791, 36.5262, 41.2994



64.8091, 68.2114, 75.2256



35.0281, 37.5274, 40.4805



14.5152, 15.2768, 16.8358



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



34.6791, 36.5262, 41.2994



61.9585, 65.2816, 74.8103



34.4105, 35.8641, 41.1858



7.8988, 8.3240, 9.6087



6.9132, 5.2867, 28.6316



0.2185, 0.2293, 0.7134

Inverse Universe

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



35.0824, 36.2419, 39.7984



62.9436, 64.5951, 71.1422



35.7085, 37.9083, 39.1539



8.0429, 8.2242, 9.0721



12.9901, 6.6047, 4.7593



0.3415, 0.1709, 0.2496

Previews

White Background



This preview shows how the XYZ color 34.6781, 36.5246, 41.2986 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 34.6781, 36.5246, 41.2986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

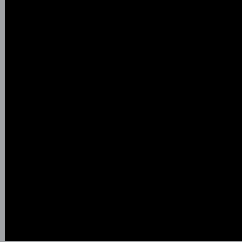
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.6781, 36.5246, 41.2986

Background



This preview shows how black text looks on a background with the XYZ color 34.6781, 36.5246, 41.2986.



This preview shows how white text looks on a background with the XYZ color 34.6781, 36.5246,

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

34.6781, 36.5246, 41.2986

Protanopia

35.2289, 36.5566, 40.7967

Deuteranopia

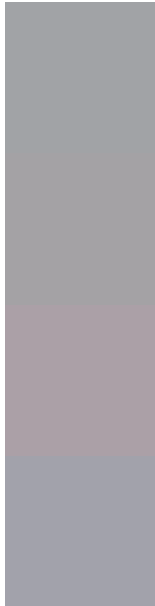
37.1064, 36.4738, 41.6437



Tritanopia

35.4606, 36.5780, 45.2357

Trichromacy



Original Color

34.6781, 36.5246, 41.2986

Protanomaly

35.0217, 36.4498, 40.7870

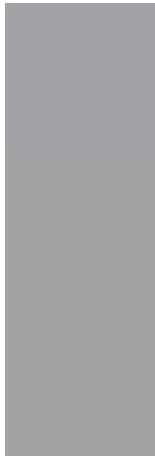
Deuteranomaly

36.3404, 36.5896, 41.7064

Tritanomaly

35.1713, 36.4623, 43.7123

Monochromacy



Original Color

34.6781, 36.5246, 41.2986

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 34.6781, 36.5246, 41.2986 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(161, 163, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 163, 166) }
```

Border

The CSS property to change the border of an element to XYZ 34.6781, 36.5246, 41.2986 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, 166) }
```


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

```
.border{ border-color:rgb(161, 163, 166) }
```

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, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 163, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 163, 166);  
box-shadow:4px 4px 4px 4px rgb(161, 163,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6781, 36.5246, 41.2986 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, 166) }
```

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

```
.background{ background-color: rgb(161,  
163, 166) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor