

Converting Colors

XYZ(36.2570, 39.2919, 40.8418)

Have a look what the booklet for
XYZ(36.2570, 39.2919, 40.8418)
contains.

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Color

**XYZ(36.1798, 39.2163,
40.7846)**

Conversions

Conversions Part 1

Format	Color
Hex	A3AAA4
RGB	163, 170, 164
RGB Percent	64%, 67%, 64%
CMY	0.3608, 0.3333, 0.3569
CMYK	0.04, 0.00, 0.04, 0.33
HSL	129°, 4%, 65%
HSV	129°, 4%, 67%
XYZ	36.1798, 39.2163, 40.7846
YIQ	167.2230, -2.2460, -3.3500

Conversions

Conversions Part 2

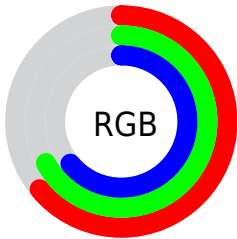
Format	Color
RYB	163, 169, 170
Decimal	10726052
CIELab	68.91, -3.62, 2.22
CIELCh	69, 4.245, 148.429
Yxy	39.2163, 0.3114, 0.3375
Android (android.graphics.Color)	4288916132 (0xFFA3AAA4)
YUV	167.2230, -1.5889, -3.7036
Hunter-Lab	62.6229, -6.4634, 5.2221

Details

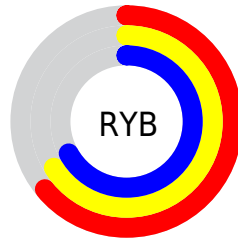
The XYZ color **36.1798, 39.2163, 40.7846** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.8376, 37.6060, 42.8551**, and the grayscale version is **36.8485, 38.7675, 42.2178**.

A 20% lighter version of the original color is **68.6248, 73.8703, 77.6593**, and **15.9586, 17.5062, 17.8672** is the 20% darker color. If you saturate the color by 10%, you get **31.6888, 37.0457, 34.0941**, and if you desaturate by 10%, it is **41.2918, 41.6919, 48.2930**.

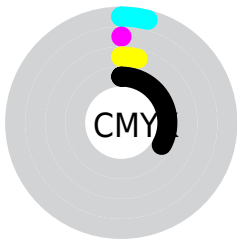
Distribution



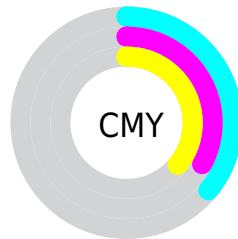
- Red (64%)
- Green (67%)
- Blue (64%)



- Red (64%)
- Yellow (66%)
- Blue (67%)



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)
- Black (33%)



- Cyan (36%)
- Magenta (33%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1798, 39.2163, 40.7846 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 36.1798, 39.2163, 40.7846 by changing the saturation by 10% instead.

■ 36.1798, 39.2163,
40.7846

■ 36.1798, 39.2163,
40.7846

321.1633,
342.8092, 365.0695

■ 24.7438, 26.9280,
27.8324

■ 68.6315, 73.9686,
77.6069

■ 16.0140, 17.5192,
17.9614

■ 90.3781, 97.2015,
102.3141

■ 9.6250, 10.6053,
10.7531

116.2921,
124.8513, 131.7767

■ 5.2114, 5.8021,
5.7890

146.7391,
157.3026, 166.4132

■ 2.4078, 2.7251,
2.6505

182.0843,
194.9396, 206.6422

■ 0.8490, 0.9900,
0.9184

222.6932,

■ 0.0000, 0.0000,

238.1468, 252.8822

0.0000

268.9311,
287.3085, 305.5518

■ 36.1798, 39.2163,
40.7846

■ 36.1798, 39.2163,
40.7846

■ 31.6888, 37.0457,
34.0941

■ 41.2918, 41.6919,
48.2930

■ 27.7919, 35.1633,
28.1913

■ 47.0438, 44.4783,
56.6430

■ 24.4650, 33.5587,
23.0481

■ 53.4581, 47.5876,
65.8604

■ 21.6813, 32.2185,
18.6335

■ 60.5550, 51.0298,
75.9693

■ 19.4117, 31.1284,
14.9146

■ 68.3539, 54.8143,
86.9927

■ 17.6242, 30.2728,
11.8559

■ 73.0966, 57.0034,
98.7762

■ 16.2835, 29.6342,
9.4186

■ 73.6655, 57.2310,
101.7718

■ 15.3491, 29.1926,
7.5602

■ 14.7731, 28.9245,
6.2324

Harmonies

Analogous

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



36.6599, 39.2163, 39.5160



36.1798, 39.2163, 40.7846



35.9924, 39.2163, 42.5982

Triad

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



36.1798, 39.2163, 40.7846



37.2384, 39.2163, 46.5215



38.4261, 39.2163, 40.9559

Complementary

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



36.1798, 39.2163, 40.7846



36.8376, 37.6060, 42.8551

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.



38.5855, 39.2163, 42.8018



36.1798, 39.2163, 40.7846



37.8948, 39.2163, 46.0503

Square

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



36.1798, 39.2163, 40.7846



36.5990, 39.2163, 45.9433



38.3899, 39.2163, 44.6742



37.9571, 39.2163, 39.6128

Rectangle

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



36.1798, 39.2163, 40.7846



36.0570, 39.2163, 43.8849



38.3899, 39.2163, 44.6742



38.5179, 39.2163, 41.5364

Sweetspot

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



36.1809, 39.2180, 40.7855



68.3967, 72.4857, 78.0606



37.3637, 39.8381, 40.3711



15.2640, 16.1701, 17.4244



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



36.1809, 39.2180, 40.7855



64.8028, 70.7467, 72.7537



36.4954, 39.3438, 42.4416



7.8562, 8.6071, 8.8023



10.7107, 21.2031, 4.2437



0.2732, 0.5209, 0.1698

Inverse Universe

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



36.8376, 37.6060, 42.8551



66.2658, 67.1554, 77.3644



36.5192, 37.4786, 41.1787



8.0508, 8.1295, 9.4155



16.0108, 7.8130, 20.6660



0.4017, 0.1950, 0.5669

Previews

White Background



This preview shows how the XYZ color 36.1798, 39.2163, 40.7846 looks on a white background.

Color Contrast Check

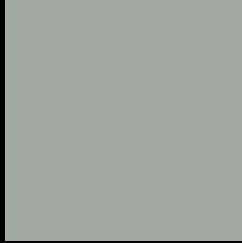
Large Text (above 18pt) WCAG AA × Fail

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 36.1798, 39.2163, 40.7846 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

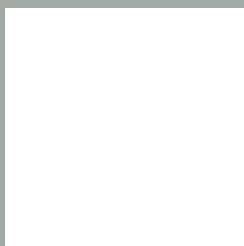
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.1798, 39.2163, 40.7846

Background



This preview shows how black text looks on a background with the XYZ color 36.1798, 39.2163, 40.7846.



This preview shows how white text looks on a background with the XYZ color 36.1798, 39.2163,

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

36.1798, 39.2163, 40.7846

Protanopia

37.3536, 39.0167, 39.7447

Deuteranopia

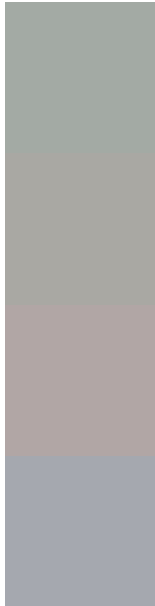
39.8963, 39.2253, 41.0658



Tritanopia

37.8851, 39.0806, 49.2626

Trichromacy



Original Color

36.1798, 39.2163, 40.7846

Protanomaly

36.9757, 39.0846, 40.2456

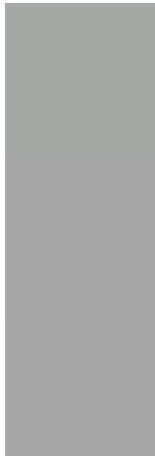
Deuteranomaly

38.5592, 39.3362, 41.1577

Tritanomaly

37.2575, 39.0997, 46.1408

Monochromacy



Original Color

36.1798, 39.2163, 40.7846

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.6115, 38.8654, 41.6485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1798, 39.2163, 40.7846 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(163, 170, 164) looks like.

```
.text, #text, p{  
    color:rgb(163, 170, 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(163, 170, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 170, 164) }
```

Border

The CSS property to change the border of an element to XYZ 36.1798, 39.2163, 40.7846 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(163, 170, 164) }
```


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

```
.border{ border-color:rgb(163, 170, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 170, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 170, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 170, 164);  
box-shadow:4px 4px 4px 4px rgb(163, 170,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1798, 39.2163, 40.7846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 170, 164) }
```

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

```
.background{ background-color: rgb(163,  
170, 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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