

Converting Colors

XYZ(36.1484, 38.1829, 38.9943)

Have a look what the booklet for
XYZ(36.1484, 38.1829, 38.9943)
contains.

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Color

**XYZ(36.2177, 38.1705,
39.1770)**

Conversions

Conversions Part 1

Format	Color
Hex	A8A6A1
RGB	168, 166, 161
RGB Percent	66%, 65%, 63%
CMY	0.3412, 0.3490, 0.3686
CMYK	0.00, 0.01, 0.04, 0.34
HSL	43°, 4%, 65%
HSV	43°, 4%, 66%
XYZ	36.2177, 38.1705, 39.1770
YIQ	166.0280, 2.7970, -1.1310

Conversions

Conversions Part 2

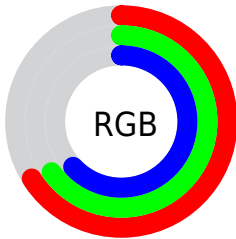
Format	Color
RYB	164, 168, 161
Decimal	11052705
CIELab	68.15, -0.21, 2.83
CIElCh	68, 2.837, 94.194
Yxy	38.1705, 0.3189, 0.3361
Android (android.graphics.Color)	4289242785 (0xFFA8A6A1)
YUV	166.0280, -2.4788, 1.7294
Hunter-Lab	61.7823, -3.4796, 5.6510

Details

The XYZ color **36.2177, 38.1705, 39.1770** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.8630, 36.5981, 42.2729**, and the grayscale version is **36.2706, 38.1595, 41.5557**.

A 20% lighter version of the original color is **68.6825, 72.3587, 75.3124**, and **16.0342, 16.8734, 17.1637** is the 20% darker color. If you saturate the color by 10%, you get **33.9800, 35.9085, 31.6063**, and if you desaturate by 10%, it is **38.6891, 40.5804, 47.8086**.

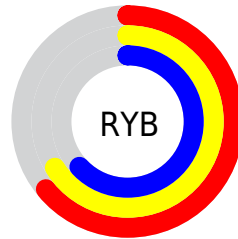
Distribution



Red (66%)

Green (65%)

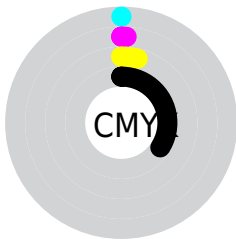
Blue (63%)



Red (64%)

Yellow (66%)

Blue (63%)

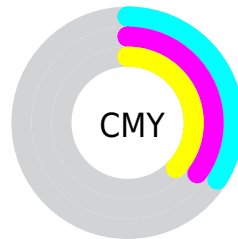


Cyan (0%)

Magenta (1%)

Yellow (4%)

Black (34%)



Cyan (34%)

Magenta (35%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.2177, 38.1705, 39.1770 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 36.2177, 38.1705, 39.1770 by changing the saturation by 10% instead.

■ 36.2177, 38.1705,
39.1770

■ 36.2177, 38.1705,
39.1770

321.3257,
338.3508, 358.0908

■ 24.7733, 26.1150,
26.5886

■ 68.6896, 72.3694,
75.1320

■ 16.0360, 16.9097,
17.0348

■ 90.4478, 95.2816,
99.3356

■ 9.6407, 10.1701,
10.0971

116.3747,
122.5816, 128.2479

■ 5.2218, 5.5119,
5.3569

146.8355,
154.6536, 162.2877

■ 2.4141, 2.5506,
2.3958

182.1956,
191.8822, 201.8733

■ 0.8521, 0.9019,
0.7841

222.8205,

■ 0.0000, 0.0000,

234.6516, 247.4233

0.0000

269.0754,
283.3464, 299.3563

■ 36.2177, 38.1705,
39.1770

■ 36.2177, 38.1705,
39.1770

■ 33.9800, 35.9085,
31.6063

■ 38.6891, 40.5804,
47.8086

■ 31.9646, 33.7857,
25.0526

■ 41.3988, 43.1368,
57.5381

■ 30.1637, 31.7994,
19.4721

■ 44.3553, 45.8450,
68.4035

■ 28.5681, 29.9455,
14.8173

■ 47.5656, 48.7083,
80.4403

■ 27.1675, 28.2193,
11.0363

■ 51.0365, 51.7299,
93.6826

■ 25.9508, 26.6157,
8.0724

■ 53.6597, 54.4671,
102.2928

■ 24.9055, 25.1291,
5.8620

■ 54.7491, 56.6458,
102.6559

■ 24.0174, 23.7533,
4.3318

■ 55.8733, 58.8941,
103.0306

■ 23.2695, 22.4807,
3.3942

■ 57.0325, 61.2126,
103.4170

Harmonies

Analogous

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



36.6517, 38.1705, 39.4049



36.2177, 38.1705, 39.1770



35.8036, 38.1705, 39.5772

Triad

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



36.2177, 38.1705, 39.1770



35.5804, 38.1705, 42.9463



37.0516, 38.1705, 42.6315

Complementary

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



36.2177, 38.1705, 39.1770



34.8630, 36.5981, 42.2729

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.



36.7604, 38.1705, 43.6104



36.2177, 38.1705, 39.1770



35.9106, 38.1705, 43.7947

Square

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



36.2177, 38.1705, 39.1770



35.4376, 38.1705, 41.7397



36.3422, 38.1705, 44.0402



37.1355, 38.1705, 41.3832

Rectangle

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



36.2177, 38.1705, 39.1770



35.5939, 38.1705, 40.1512



36.3422, 38.1705, 44.0402



36.9746, 38.1705, 43.0038

Sweetspot

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



36.2188, 38.1722, 39.1778



67.0887, 70.6153, 75.8128



35.5137, 36.4631, 39.8642



14.6280, 15.3965, 16.5431



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.



36.2188, 38.1722, 39.1778



65.3302, 68.8772, 69.7422



36.2881, 38.7510, 39.2859



8.1557, 8.5999, 8.6465



17.3188, 16.5350, 2.2788



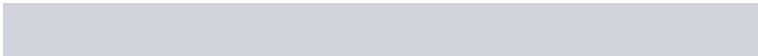
0.4617, 0.4829, 0.0689

Inverse Universe

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



34.8630, 36.5981, 42.2729



62.3419, 65.4077, 76.5643



34.7950, 36.0408, 42.1689



7.7474, 8.1260, 9.5785



6.1721, 3.8044, 28.3845



0.1930, 0.1783, 0.7049

Previews

White Background



This preview shows how the XYZ color 36.2177, 38.1705, 39.1770 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 36.2177, 38.1705, 39.1770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

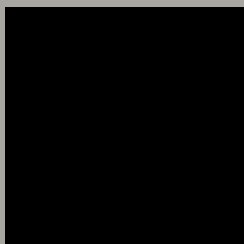
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

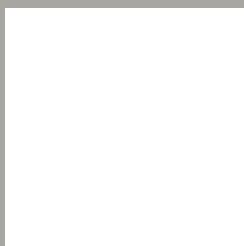
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.2177, 38.1705, 39.1770

Background



This preview shows how black text looks on a background with the XYZ color 36.2177, 38.1705, 39.1770.



This preview shows how white text looks on a background with the XYZ color 36.2177, 38.1705,

39.1770.

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

36.2177, 38.1705, 39.1770

Protanopia

36.4657, 38.0295, 39.1367

Deuteranopia

38.7949, 38.1657, 39.5044



Tritanopia

37.7888, 38.2713, 46.9904

Trichromacy



Original Color

36.2177, 38.1705, 39.1770

Protanomaly

36.2503, 37.9185, 39.1266

Deuteranomaly

37.9789, 38.2680, 39.5672

Tritanomaly

37.1680, 38.2856, 43.9590

Monochromacy



Original Color

36.2177, 38.1705, 39.1770

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.2734, 38.1683, 40.5774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2177, 38.1705, 39.1770 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(168, 166, 161) looks like.

```
.text, #text, p{  
    color:rgb(168, 166, 161)  
}
```

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(168, 166, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 166, 161) }
```

Border

The CSS property to change the border of an element to XYZ 36.2177, 38.1705, 39.1770 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(168, 166, 161) }
```


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

```
.border{ border-color:rgb(168, 166, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 166, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 166, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 166, 161);  
box-shadow:4px 4px 4px 4px rgb(168, 166,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2177, 38.1705, 39.1770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 166, 161) }
```

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

```
.background{ background-color: rgb(168,  
166, 161) }
```

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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