

Converting Colors

XYZ(36.3651, 35.6621, 38.2245)

Have a look what the booklet for
XYZ(36.3651, 35.6621, 38.2245)
contains.

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Color

**XYZ(36.3651, 35.6621,
38.2245)**

Conversions

Conversions Part 1

Format	Color
Hex	B19CA0
RGB	177, 156, 160
RGB Percent	69%, 61%, 63%
CMY	0.3059, 0.3882, 0.3725
CMYK	0.00, 0.12, 0.10, 0.31
HSL	349°, 12%, 65%
HSV	349°, 12%, 69%
XYZ	36.3651, 35.6621, 38.2245
YIQ	162.7350, 11.2320, 5.6960

Conversions

Conversions Part 2

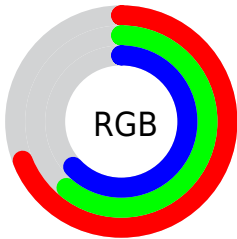
Format	Color
RYB	177, 156, 160
Decimal	11639968
CIELab	66.26, 8.41, 0.74
CIELCh	66, 8.442, 5.036
Yxy	35.6621, 0.3298, 0.3235
Android (android.graphics.Color)	4289830048 (0xFFB19CA0)
YUV	162.7350, -1.3484, 12.5104
Hunter-Lab	59.7178, 4.1914, 3.8517

Details

The XYZ color **36.3651, 35.6621, 38.2245** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.9767, 41.5303, 45.6045**, and the grayscale version is **34.6911, 36.4977, 39.7460**.

A 20% lighter version of the original color is **69.1643, 68.8185, 73.9279**, and **16.1241, 15.4924, 16.6085** is the 20% darker color. If you saturate the color by 10%, you get **32.4265, 29.6766, 31.0789**, and if you desaturate by 10%, it is **40.8830, 42.5742, 46.2771**.

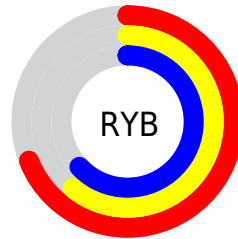
Distribution



Red (69%)

Green (61%)

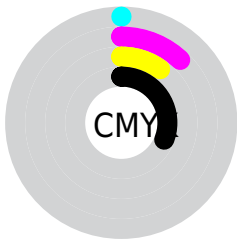
Blue (63%)



Red (69%)

Yellow (61%)

Blue (63%)

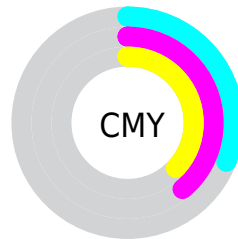


Cyan (0%)

Magenta (12%)

Yellow (10%)

Black (31%)



Cyan (31%)


Magenta (39%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.3651, 35.6621, 38.2245 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 36.3651, 35.6621, 38.2245 by changing the saturation by 10% instead.


 36.3651, 35.6621,
38.2245


 36.3651, 35.6621,
38.2245


321.9570,
327.4812, 353.9091

 24.8877, 24.1733,
25.8538


 68.9154, 68.5102,
73.6593

 16.1217, 15.4623,
16.4895


 90.7190, 90.6383,
97.5606

 9.7017, 9.1444,
9.7131


116.6955,
117.0817, 126.1424

 5.2624, 4.8355,
5.1060

147.2101,
148.2248, 159.8233

 2.4383, 2.1511,
2.2498

182.6281,
184.4518, 199.0219

 0.8643, 0.6931,
0.7029

223.3151,

 0.0000, 0.0000,

226.1473, 244.1567

0.0000

269.6363,
273.6957, 295.6462

■ 36.3651, 35.6621,
38.2245

■ 36.3651, 35.6621,
38.2245

■ 32.4265, 29.6766,
31.0789

■ 40.8830, 42.5742,
46.2771

■ 29.0408, 24.5738,
24.8062

■ 45.9995, 50.4450,
55.2648

■ 26.1838, 20.3132,
19.3731

■ 51.7365, 59.3109,
65.2172

■ 23.8283, 16.8492,
14.7437

■ 58.1140, 69.2052,
76.1620

■ 21.9448, 14.1320,
10.8792

■ 65.1510, 80.1593,
88.1258

■ 20.5005, 12.1063,
7.7377

■ 70.5241, 87.5202,
100.3535

■ 19.4583, 10.7088,
5.2729

■ 71.9417, 88.0872,
107.8185

■ 18.7747, 9.8645,
3.4331

■ 18.4160, 9.4609,
2.3458

Harmonies

Analogous

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



36.1383, 35.6621, 41.8305



36.3651, 35.6621, 38.2245



35.9170, 35.6621, 34.9839

Triad

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



36.3651, 35.6621, 38.2245



32.5248, 35.6621, 33.4249



32.8842, 35.6621, 45.4611

Complementary

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



36.3651, 35.6621, 38.2245



36.9767, 41.5303, 45.6045

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.



31.9518, 35.6621, 42.9481



36.3651, 35.6621, 38.2245



31.7479, 35.6621, 35.9765

Square

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



36.3651, 35.6621, 38.2245



33.6837, 35.6621, 32.3245



31.5408, 35.6621, 39.4418



34.1087, 35.6621, 46.1545

Rectangle

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



36.3651, 35.6621, 38.2245



35.3022, 35.6621, 33.4204



31.5408, 35.6621, 39.4418



32.5272, 35.6621, 44.7939

Sweetspot

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



36.3661, 35.6637, 38.2253



71.3440, 73.3725, 79.5567



37.0148, 35.8143, 46.5574



15.3275, 15.6959, 17.0035



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



36.3661, 35.6637, 38.2253



63.3608, 61.1761, 65.2728



37.1066, 37.6953, 36.7746



8.5603, 8.5308, 9.1829



13.3602, 6.8616, 1.7907



0.4399, 0.2237, 0.1594

Inverse Universe

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



36.3661, 35.6637, 38.2253



63.3608, 61.1761, 65.2728



36.1537, 39.2560, 47.2671



8.5603, 8.5308, 9.1829



13.3602, 6.8616, 1.7907



0.4399, 0.2237, 0.1594

Previews

White Background



This preview shows how the XYZ color 36.3651, 35.6621, 38.2245 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 36.3651, 35.6621, 38.2245 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 36.3651, 35.6621, 38.2245

Background



This preview shows how black text looks on a background with the XYZ color 36.3651, 35.6621, 38.2245.



This preview shows how white text looks on a background with the XYZ color 36.3651, 35.6621,

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

36.3651, 35.6621, 38.2245

Protanopia

34.4915, 35.6785, 39.7191

Deuteranopia

36.3651, 35.6621, 38.2245



Tritanopia

37.0565, 35.6977, 41.4965

Trichromacy



Original Color

36.3651, 35.6621, 38.2245

Protanomaly

35.2819, 35.8399, 39.2407

Deuteranomaly

36.3651, 35.6621, 38.2245

Tritanomaly

36.7823, 35.5880, 40.0525

Monochromacy



Original Color

36.3651, 35.6621, 38.2245

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.2408, 36.0751, 39.2882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3651, 35.6621, 38.2245 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(177, 156, 160)` looks like.

```
.text, #text, p{  
    color:rgb(177, 156, 160)  
}
```

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(177, 156, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 156, 160) }
```

Border

The CSS property to change the border of an element to XYZ 36.3651, 35.6621, 38.2245 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(177, 156, 160) }
```


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

```
.border{ border-color:rgb(177, 156, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 156, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 156, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 156, 160);  
box-shadow:4px 4px 4px 4px rgb(177, 156,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3651, 35.6621, 38.2245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 156, 160) }
```

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

```
.background{ background-color: rgb(177,  
156, 160) }
```

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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