

Converting Colors

XYZ(36.5160, 38.7221, 36.7826)

Have a look what the booklet for
XYZ(36.5160, 38.7221, 36.7826)
contains.

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Color

**XYZ(36.6141, 38.6957,
36.9917)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA79C
RGB	171, 167, 156
RGB Percent	67%, 65%, 61%
CMY	0.3294, 0.3451, 0.3882
CMYK	0.00, 0.02, 0.09, 0.33
HSL	44°, 8%, 64%
HSV	44°, 9%, 67%
XYZ	36.6141, 38.6957, 36.9917
YIQ	166.9420, 5.9150, -2.5730

Conversions

Conversions Part 2

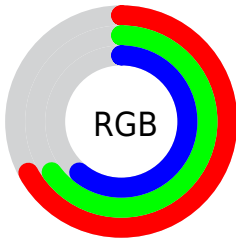
Format	Color
RYB	161, 171, 156
Decimal	11249564
CIELab	68.53, -0.55, 6.19
CIELCh	69, 6.211, 95.040
Yxy	38.6957, 0.3260, 0.3446
Android (android.graphics.Color)	4289439644 (0xFFABA79C)
YUV	166.9420, -5.3944, 3.5589
Hunter-Lab	62.2059, -3.7960, 8.2864

Details

The XYZ color **36.6141, 38.6957, 36.9917** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.6318, 35.1492, 43.5405**, and the grayscale version is **36.7267, 38.6393, 42.0782**.

A 20% lighter version of the original color is **69.1182, 73.0644, 71.4327**, and **16.2883, 17.2033, 15.8267** is the 20% darker color. If you saturate the color by 10%, you get **34.4472, 36.5180, 29.6213**, and if you desaturate by 10%, it is **39.0165, 41.0172, 45.4473**.

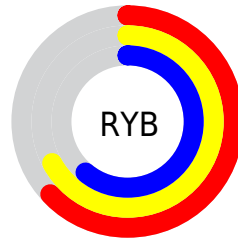
Distribution



Red (67%)

Green (65%)

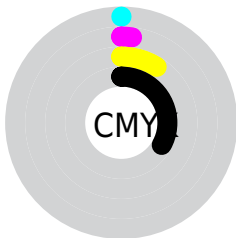
Blue (61%)



Red (63%)

Yellow (67%)

Blue (61%)

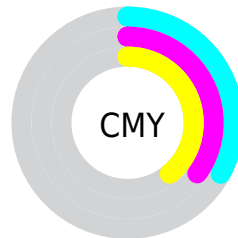


Cyan (0%)

Magenta (2%)

Yellow (9%)

Black (33%)



Cyan (33%)

Magenta (35%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.6141, 38.6957, 36.9917 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 36.6141, 38.6957, 36.9917 by changing the saturation by 10% instead.

■ 36.6141, 38.6957,
36.9917

■ 36.6141, 38.6957,
36.9917

323.0214,
340.5950, 348.4422

■ 25.0811, 26.5231,
24.9053

■ 69.2966, 73.1732,
71.7462

■ 16.2666, 17.2154,
15.7882

■ 91.1768, 96.2469,
95.2514

■ 9.8050, 10.3882,
9.2216

117.2368,
123.7231, 123.4000

■ 5.3312, 5.6571,
4.7873

147.8420,
155.9861, 156.6105

■ 2.4796, 2.6377,
2.0664

183.3577,
193.4205, 195.3014

■ 0.8850, 0.9457,
0.5957

224.1492,

■ 0.0000, 0.0000,

236.4105, 239.8913

0.0000

270.5820,
285.3405, 290.7987

■ 36.6141, 38.6957,
36.9917

■ 36.6141, 38.6957,
36.9917

■ 34.4472, 36.5180,
29.6213

■ 39.0165, 41.0172,
45.4473

■ 32.5037, 34.4750,
23.2890

■ 41.6594, 43.4811,
55.0277

■ 30.7755, 32.5642,
17.9476

■ 44.5517, 46.0928,
65.7736

■ 29.2523, 30.7810,
13.5456

■ 47.7009, 48.8558,
77.7229

■ 27.9232, 29.1206,
10.0267

■ 51.1142, 51.7732,
90.9118

■ 26.7761, 27.5776,
7.3284

■ 54.2129, 54.6142,
102.2920

■ 25.7972, 26.1459,
5.3802

■ 55.2449, 56.6783,
102.6360

■ 24.9705, 24.8187,
4.0995

■ 56.3084, 58.8051,
102.9905

■ 24.2668, 23.5837,
3.3334

■ 57.4034, 60.9953,
103.3555

Harmonies

Analogous

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



37.5785, 38.6957, 37.4357



36.6141, 38.6957, 36.9917



35.7097, 38.6957, 37.8748

Triad

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



36.6141, 38.6957, 36.9917



35.2605, 38.6957, 45.3021



38.5108, 38.6957, 44.4473

Complementary

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



36.6141, 38.6957, 36.9917



33.6318, 35.1492, 43.5405

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.



37.8696, 38.6957, 46.6991



36.6141, 38.6957, 36.9917



35.9911, 38.6957, 47.2078

Square

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



36.6141, 38.6957, 36.9917



34.9371, 38.6957, 42.6081



36.9446, 38.6957, 47.7300



38.6847, 38.6957, 41.6615

Rectangle

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



36.6141, 38.6957, 36.9917



35.2590, 38.6957, 39.1212



36.9446, 38.6957, 47.7300



38.3422, 38.6957, 45.2956

Sweetspot

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



36.6152, 38.6974, 36.9925



67.9823, 71.6489, 74.6677



35.0287, 34.9735, 38.1626



15.0839, 15.9043, 16.3819



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.



36.6152, 38.6974, 36.9925



64.5966, 68.3358, 62.8775



36.6064, 39.7967, 37.2052



8.4794, 8.9637, 8.4966



18.2758, 17.7570, 2.4642



0.5501, 0.5774, 0.0824

Inverse Universe

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



33.6318, 35.1492, 43.5405



57.8885, 60.3580, 77.6011



33.6371, 34.1399, 43.3454



7.7460, 8.0915, 10.1062



6.3031, 3.7400, 29.4342



0.2205, 0.1944, 0.8339

Previews

White Background



This preview shows how the XYZ color 36.6141, 38.6957, 36.9917 looks on a white background.

Color Contrast Check

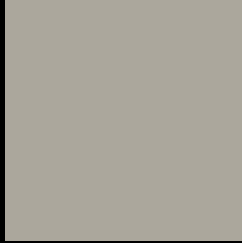
Large Text (above 18pt) WCAG AA × Fail

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 36.6141, 38.6957, 36.9917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

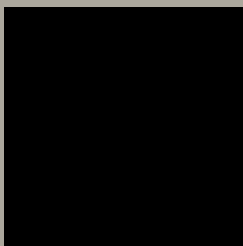
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

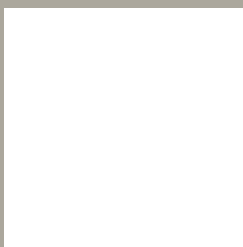
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.6141, 38.6957, 36.9917

Background



This preview shows how black text looks on a background with the XYZ color 36.6141, 38.6957, 36.9917.



This preview shows how white text looks on a background with the XYZ color 36.6141, 38.6957,

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

36.6141, 38.6957, 36.9917

Protanopia

36.8705, 38.5570, 36.9514

Deuteranopia

39.3242, 38.4889, 37.2548



Tritanopia

38.6668, 38.7239, 47.0315

Trichromacy



Original Color

36.6141, 38.6957, 36.9917

Protanomaly

36.6502, 38.4434, 36.9411

Deuteranomaly

38.2391, 38.4525, 37.3049

Tritanomaly

37.8501, 38.6591, 43.0031

Monochromacy



Original Color

36.6141, 38.6957, 36.9917

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.5780, 38.6066, 40.1743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6141, 38.6957, 36.9917 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(171, 167, 156)` looks like.

```
.text, #text, p{  
    color:rgb(171, 167, 156)  
}
```

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(171, 167, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 167, 156) }
```

Border

The CSS property to change the border of an element to XYZ 36.6141, 38.6957, 36.9917 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(171, 167, 156) }
```


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

```
.border{ border-color:rgb(171, 167, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 167, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 167, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 167, 156);  
box-shadow:4px 4px 4px 4px rgb(171, 167,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6141, 38.6957, 36.9917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 167, 156) }
```

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

```
.background{ background-color: rgb(171,  
167, 156) }
```

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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