

Converting Colors

XYZ(35.8680, 37.9177, 30.2393)

Have a look what the booklet for
XYZ(35.8680, 37.9177, 30.2393)
contains.

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Color

**XYZ(35.8680, 37.9177,
30.2393)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA58C
RGB	175, 165, 140
RGB Percent	69%, 65%, 55%
CMY	0.3137, 0.3529, 0.4510
CMYK	0.00, 0.06, 0.20, 0.31
HSL	43°, 18%, 62%
HSV	43°, 20%, 69%
XYZ	35.8680, 37.9177, 30.2393
YIQ	165.1400, 13.9850, -5.6550

Conversions

Conversions Part 2

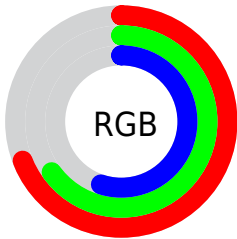
Format	Color
RYB	154, 175, 140
Decimal	11511180
CIELab	67.96, -0.58, 14.27
CIELCh	68, 14.283, 92.309
Yxy	37.9177, 0.3448, 0.3645
Android (android.graphics.Color)	4289701260 (0xFFAFA58C)
YUV	165.1400, -12.3940, 8.6472
Hunter-Lab	61.5773, -3.7864, 13.9881

Details

The XYZ color **35.8680, 37.9177, 30.2393** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.4593, 30.4826, 44.8889**, and the grayscale version is **35.8851, 37.7539, 41.1140**.

A 20% lighter version of the original color is **68.2858, 72.0704, 61.3509**, and **15.7766, 16.6860, 12.0621** is the 20% darker color. If you saturate the color by 10%, you get **33.7952, 35.6754, 23.6804**, and if you desaturate by 10%, it is **38.1833, 40.3160, 37.8924**.

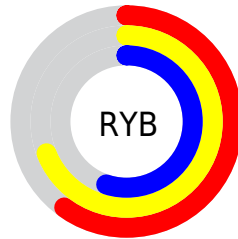
Distribution



Red (69%)

Green (65%)

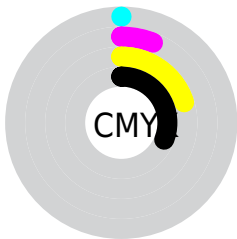
Blue (55%)



Red (60%)

Yellow (69%)

Blue (55%)

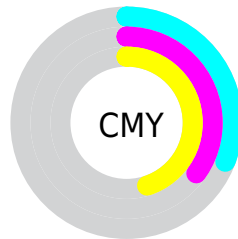


Cyan (0%)

Magenta (6%)

Yellow (20%)

Black (31%)



Cyan (31%)

Magenta (35%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.8680, 37.9177, 30.2393 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 35.8680, 37.9177, 30.2393 by changing the saturation by 10% instead.

■ 35.8680, 37.9177,
30.2393

■ 35.8680, 37.9177,
30.2393

319.8245,
337.2668, 317.2603

■ 24.5019, 25.9188,
19.7667

■ 68.1535, 71.9820,
61.1059

■ 15.8331, 16.7629,
12.0432

■ 89.8036, 94.8162,
82.3370

■ 9.4962, 10.0656,
6.6502

■ 115.6124,
122.0309, 107.9913

■ 5.1259, 5.4425,
3.1692

145.9453,
154.0106, 138.4873

■ 2.3569, 2.5091,
1.1817

181.1676,
191.1396, 174.2437

■ 0.8235, 0.8812,
0.0000

221.6446,

■ 0.0000, 0.0000,

233.8024, 215.6790

0.0000

267.7418,
282.3833, 263.2117

■ 35.8680, 37.9177,
30.2393

■ 35.8680, 37.9177,
30.2393

■ 33.7952, 35.6754,
23.6804

■ 38.1833, 40.3160,
37.8924

■ 31.9519, 33.5793,
18.1623

■ 40.7475, 42.8695,
46.6852

■ 30.3281, 31.6262,
13.6305

■ 43.5705, 45.5843,
56.6632

■ 28.9120, 29.8106,
10.0247

■ 46.6608, 48.4641,
67.8690

■ 27.6906, 28.1266,
7.2778

■ 50.0263, 51.5128,
80.3429

■ 26.6488, 26.5675,
5.3137

■ 53.6748, 54.7342,
94.1233

■ 25.7694, 25.1258,
4.0427

■ 56.3818, 57.6389,
102.7615

■ 25.0153, 23.7860,
3.2727

■ 57.5584, 59.9921,
103.1537

■ 25.0153, 23.7859,
3.2727

■ 58.7731, 62.4216,
103.5586

Harmonies

Analogous

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



38.0592, 37.9177, 31.3827



35.8680, 37.9177, 30.2393



33.8067, 37.9177, 31.7945

Triad

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



35.8680, 37.9177, 30.2393



32.5521, 37.9177, 48.1683



39.9516, 37.9177, 47.2294

Complementary

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



35.8680, 37.9177, 30.2393



29.4593, 30.4826, 44.8889

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.



38.3688, 37.9177, 52.5000



35.8680, 37.9177, 30.2393



34.0928, 37.9177, 53.0800

Square

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



35.8680, 37.9177, 30.2393



31.9419, 37.9177, 41.7802



36.2118, 37.9177, 54.7403



40.4737, 37.9177, 40.7955

Rectangle

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



35.8680, 37.9177, 30.2393



32.7673, 37.9177, 34.2557



36.2118, 37.9177, 54.7403



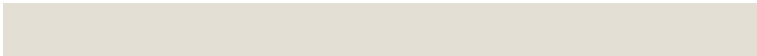
39.5229, 37.9177, 49.2176

Sweetspot

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



35.8690, 37.9194, 30.2401



70.1193, 73.9516, 73.7510



32.6031, 30.0888, 33.1555



15.5210, 16.3727, 16.1743



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.



35.8690, 37.9194, 30.2401



62.5477, 66.1041, 48.7356



36.2125, 40.8786, 30.7932



8.4665, 8.9378, 8.4923



17.9685, 17.1425, 2.3618



0.5434, 0.5640, 0.0802

Inverse Universe

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



29.4593, 30.4826, 44.8889



48.9690, 50.3516, 79.7748



29.1490, 28.0549, 44.4366



7.7583, 8.1159, 10.1103



6.4041, 3.9421, 29.4679



0.2253, 0.2040, 0.8355

Previews

White Background



This preview shows how the XYZ color 35.8680, 37.9177, 30.2393 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 35.8680, 37.9177, 30.2393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

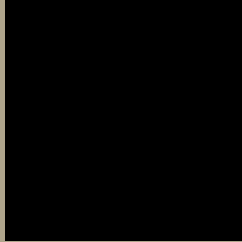
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.8680, 37.9177, 30.2393

Background



This preview shows how black text looks on a background with the XYZ color 35.8680, 37.9177, 30.2393.



This preview shows how white text looks on a background with the XYZ color 35.8680, 37.9177,

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

35.8680, 37.9177, 30.2393

Protanopia

35.6443, 37.8024, 30.2289

Deuteranopia

38.4411, 37.6665, 30.4436



Tritanopia

38.7040, 37.7424, 44.7803

Trichromacy



Original Color

35.8680, 37.9177, 30.2393

Protanomaly

35.6443, 37.8024, 30.2289

Deuteranomaly

37.5602, 37.7271, 30.5017

Tritanomaly

37.7135, 37.8788, 39.0418

Monochromacy



Original Color

35.8680, 37.9177, 30.2393

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.8181, 37.7456, 36.8503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8680, 37.9177, 30.2393 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(175, 165, 140)` looks like.

```
.text, #text, p{  
    color:rgb(175, 165, 140)  
}
```

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(175, 165, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 165, 140) }
```

Border

The CSS property to change the border of an element to XYZ 35.8680, 37.9177, 30.2393 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(175, 165, 140) }
```


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

```
.border{ border-color:rgb(175, 165, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 165, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 165, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 165, 140);  
box-shadow:4px 4px 4px 4px rgb(175, 165,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8680, 37.9177, 30.2393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 165, 140) }
```

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

```
.background{ background-color: rgb(175,  
165, 140) }
```

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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