

Converting Colors

XYZ(35.3759, 36.5746, 31.1817)

Have a look what the booklet for
XYZ(35.3759, 36.5746, 31.1817)
contains.

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Color

**XYZ(35.3820, 36.5869,
31.1837)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA18F
RGB	175, 161, 143
RGB Percent	69%, 63%, 56%
CMY	0.3137, 0.3686, 0.4392
CMYK	0.00, 0.08, 0.18, 0.31
HSL	34°, 17%, 62%
HSV	34°, 18%, 69%
XYZ	35.3820, 36.5869, 31.1837
YIQ	163.1340, 14.1220, -2.6300

Conversions

Conversions Part 2

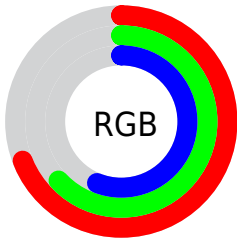
Format	Color
RYB	168, 175, 143
Decimal	11510159
CIELab	66.97, 2.07, 11.21
CIElCh	67, 11.403, 79.543
Yxy	36.5869, 0.3430, 0.3547
Android (android.graphics.Color)	4289700239 (0xFFAFA18F)
YUV	163.1340, -9.9261, 10.4065
Hunter-Lab	60.4871, -1.4387, 11.7744

Details

The XYZ color **35.3820, 36.5869, 31.1837** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.1223, 33.0479, 45.2963**, and the grayscale version is **34.9176, 36.7361, 40.0056**.

A 20% lighter version of the original color is **67.5889, 70.1319, 62.7978**, and **15.5778, 16.0797, 12.6386** is the 20% darker color. If you saturate the color by 10%, you get **32.8617, 33.5048, 24.3054**, and if you desaturate by 10%, it is **38.1930, 39.9188, 39.1802**.

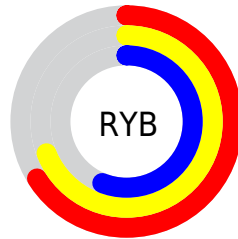
Distribution



Red (69%)

Green (63%)

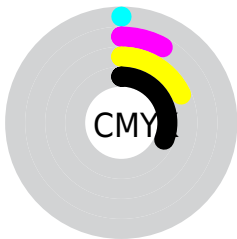
Blue (56%)



Red (66%)

Yellow (69%)

Blue (56%)

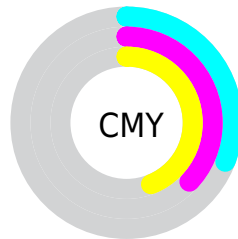


Cyan (0%)

Magenta (8%)

Yellow (18%)

Black (31%)



Cyan (31%)

Magenta (37%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3820, 36.5869, 31.1837 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 35.3820, 36.5869, 31.1837 by changing the saturation by 10% instead.

■ 35.3820, 36.5869,
31.1837

■ 35.3820, 36.5869,
31.1837

317.7298,
331.5186, 321.7611

■ 24.1252, 24.8878,
20.4791

■ 67.4073, 69.9370,
62.6121

■ 15.5517, 15.9935,
12.5563

■ 88.9064, 92.3568,
84.1731

■ 9.2963, 9.5195,
6.9966

114.5504,
119.1189, 110.1899

■ 4.9936, 5.0816,
3.3816

144.7045,
150.6077, 141.0812

■ 2.2782, 2.2952,
1.2926

179.7341,
187.2077, 177.2654

■ 0.7835, 0.7712,
0.0557

220.0047,

■ 0.0000, 0.0000,

229.3033, 219.1611

0.0000

265.8814,
277.2788, 267.1868

■ 35.3820, 36.5869,
31.1837

■ 35.3820, 36.5869,
31.1837

■ 32.8617, 33.5048,
24.3054

■ 38.1930, 39.9188,
39.1802

■ 30.6182, 30.6609,
18.4920

■ 41.3021, 43.5020,
48.3400

■ 28.6406, 28.0497,
13.6897

■ 44.7201, 47.3442,
58.7088

■ 26.9162, 25.6636,
9.8384

■ 48.4564, 51.4515,
70.3289

■ 25.4309, 23.4945,
6.8722

■ 52.5197, 55.8293,
83.2407

■ 24.1689, 21.5335,
4.7163

■ 56.9187, 60.4832,
97.4826

■ 23.1122, 19.7705,
3.2834

■ 59.9240, 64.7234,
103.9423

■ 22.2309, 18.1910,
2.4257

■ 61.9140, 68.7034,
104.6056

■ 22.0900, 17.9353,
2.2976

■ 63.9963, 72.8680,
105.2997

Harmonies

Analogous

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



36.9782, 36.5869, 33.0189



35.3820, 36.5869, 31.1837



33.6738, 36.5869, 31.5166

Triad

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



35.3820, 36.5869, 31.1837



31.7332, 36.5869, 43.1094



37.3677, 36.5869, 46.3438

Complementary

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



35.3820, 36.5869, 31.1837



31.1223, 33.0479, 45.2963

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.



35.8994, 36.5869, 49.5061



35.3820, 36.5869, 31.1837



32.6606, 36.5869, 47.5342

Square

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



35.3820, 36.5869, 31.1837



31.6051, 36.5869, 38.1327



34.1745, 36.5869, 49.9589



38.1496, 36.5869, 41.5911

Rectangle

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



35.3820, 36.5869, 31.1837



32.6997, 36.5869, 32.9328



34.1745, 36.5869, 49.9589



36.9358, 36.5869, 47.6442

Sweetspot

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



35.3830, 36.5885, 31.1845



70.1239, 73.4956, 75.1868



33.6220, 31.2073, 36.3296



15.5024, 16.2385, 16.4670



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.



35.3830, 36.5885, 31.1845



61.4588, 63.2141, 50.5683



37.6104, 41.5733, 32.0292



8.3650, 8.7347, 8.4585



15.8813, 12.9681, 1.6661



0.4950, 0.4672, 0.0641

Inverse Universe

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



31.1223, 33.0479, 45.2963



52.3855, 55.6749, 80.6222



29.1674, 28.7240, 44.5647



7.8563, 8.3120, 10.1430



7.4782, 6.0902, 29.8259



0.2631, 0.2796, 0.8481

Previews

White Background



This preview shows how the XYZ color 35.3820, 36.5869, 31.1837 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 35.3820, 36.5869, 31.1837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

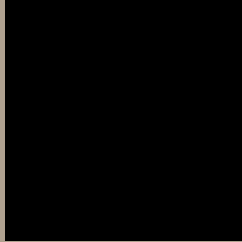
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.3820, 36.5869, 31.1837

Background



This preview shows how black text looks on a background with the XYZ color 35.3820, 36.5869, 31.1837.



This preview shows how white text looks on a background with the XYZ color 35.3820, 36.5869,

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

35.3820, 36.5869, 31.1837

Protanopia

34.7088, 36.7540, 31.6504

Deuteranopia

37.3407, 36.5667, 31.4756



Tritanopia

37.5785, 36.4435, 42.5898

Trichromacy



Original Color

35.3820, 36.5869, 31.1837

Protanomaly

34.9676, 36.6249, 31.6119

Deuteranomaly

36.5523, 36.4124, 31.4873

Tritanomaly

36.7035, 36.3389, 38.3373

Monochromacy



Original Color

35.3820, 36.5869, 31.1837

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.8574, 36.4565, 36.6521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3820, 36.5869, 31.1837 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, 161, 143)` looks like.

```
.text, #text, p{  
    color:rgb(175, 161, 143)  
}
```

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, 161, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 161, 143) }
```

Border

The CSS property to change the border of an element to XYZ 35.3820, 36.5869, 31.1837 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, 161, 143) }
```


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

```
.border{ border-color:rgb(175, 161, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 161, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 161, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 161, 143);  
box-shadow:4px 4px 4px 4px rgb(175, 161,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3820, 36.5869, 31.1837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 161, 143) }
```

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

```
.background{ background-color: rgb(175,  
161, 143) }
```

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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