

Converting Colors

XYZ(35.8376, 38.8759, 27.0884)

Have a look what the booklet for
XYZ(35.8376, 38.8759, 27.0884)
contains.

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Color

**XYZ(35.7786, 38.7579,
27.0680)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA883
RGB	175, 168, 131
RGB Percent	69%, 66%, 51%
CMY	0.3137, 0.3412, 0.4863
CMYK	0.00, 0.04, 0.25, 0.31
HSL	50°, 22%, 60%
HSV	50°, 25%, 69%
XYZ	35.7786, 38.7579, 27.0680
YIQ	165.8750, 16.0490, -10.0230

Conversions

Conversions Part 2

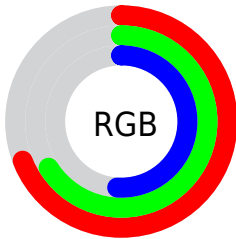
Format	Color
RYB	139, 175, 131
Decimal	11511939
CIELab	68.58, -3.53, 20.06
CIELCh	69, 20.372, 99.977
Yxy	38.7579, 0.3521, 0.3815
Android (android.graphics.Color)	4289702019 (0xFFAFA883)
YUV	165.8750, -17.1934, 8.0026
Hunter-Lab	62.2558, -6.3633, 17.8006

Details

The XYZ color **35.7786, 38.7579, 27.0680** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.1864, 26.0969, 44.2148**, and the grayscale version is **36.2609, 38.1493, 41.5446**.

A 20% lighter version of the original color is **67.9944, 73.2250, 55.8975**, and **15.7566, 17.2224, 10.2784** is the 20% darker color. If you saturate the color by 10%, you get **34.1834, 37.3079, 21.1707**, and if you desaturate by 10%, it is **37.5871, 40.3135, 34.0258**.

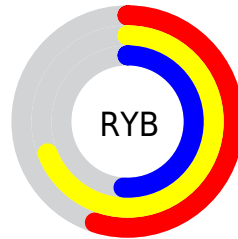
Distribution



Red (69%)

Green (66%)

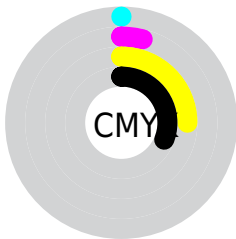
Blue (51%)



Red (55%)

Yellow (69%)

Blue (51%)

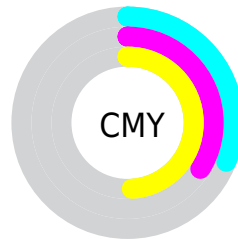


Cyan (0%)

Magenta (4%)

Yellow (25%)

Black (31%)



Cyan (31%)

Magenta (34%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7786, 38.7579, 27.0680 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 35.7786, 38.7579, 27.0680 by changing the saturation by 10% instead.

■ 35.7786, 38.7579,
27.0680

■ 35.7786, 38.7579,
27.0680

319.4400,
340.8601, 301.7568

■ 24.4326, 26.5714,
17.3914

■ 68.0163, 73.2683,
55.9980

■ 15.7813, 17.2516,
10.3490

■ 89.6387, 96.3611,
76.0886

■ 9.4594, 10.4141,
5.5224

■ 115.4173,
123.8581, 100.4875

■ 5.1015, 5.6743,
2.4929

145.7173,
156.1437, 129.6133

■ 2.3423, 2.6481,
0.8364

180.9043,
193.6023, 163.8846

■ 0.8162, 0.9509,
0.0000

221.3435,

■ 0.0000, 0.0000,

236.6183, 203.7199

0.0000

267.4002,
285.5761, 249.5378

■ 35.7786, 38.7579,
27.0680

■ 35.7786, 38.7579,
27.0680

■ 34.1834, 37.3079,
21.1707

■ 37.5871, 40.3135,
34.0258

■ 32.7885, 35.9542,
16.2784

■ 39.6155, 41.9734,
42.0909

■ 31.5838, 34.6939,
12.3343

■ 41.8734, 43.7429,
51.3102

■ 30.5573, 33.5222,
9.2749

■ 44.3693, 45.6255,
61.7275

■ 29.6953, 32.4334,
7.0292

■ 47.1111, 47.6245,
73.3839

■ 28.9821, 31.4212,
5.5147

■ 50.1063, 49.7429,
86.3187

■ 28.3985, 30.4778,
4.6302

■ 53.3620, 51.9838,
100.5696

■ 28.1401, 30.0356,
4.3143

■ 54.2004, 53.2761,
102.0344

■ 54.8100, 54.4953,
102.2376

Harmonies

Analogous

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



38.9936, 38.7579, 27.6686



35.7786, 38.7579, 27.0680



33.0111, 38.7579, 30.0463

Triad

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



35.7786, 38.7579, 27.0680



32.3054, 38.7579, 54.6148



42.9507, 38.7579, 48.5512

Complementary

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



35.7786, 38.7579, 27.0680



26.1864, 26.0969, 44.2148

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.



40.9502, 38.7579, 57.2573



35.7786, 38.7579, 27.0680



34.7638, 38.7579, 61.0955

Square

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



35.7786, 38.7579, 27.0680



31.0844, 38.7579, 45.3398



37.9186, 38.7579, 62.1272



43.2616, 38.7579, 39.2101

Rectangle

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



35.7786, 38.7579, 27.0680



31.7456, 38.7579, 33.9552



37.9186, 38.7579, 62.1272



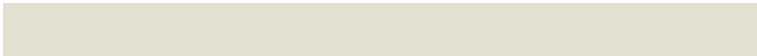
42.4483, 38.7579, 51.6836

Sweetspot

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



35.7796, 38.7596, 27.0688



69.8185, 74.2612, 70.8420



30.4075, 27.1917, 27.8179



15.3962, 16.4063, 15.2597



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.



35.7796, 38.7596, 27.0688



62.4967, 67.9965, 42.5702



33.9910, 39.8070, 27.3652



8.5526, 9.1100, 8.5210



20.1891, 21.5837, 3.1020



0.5902, 0.6576, 0.0958

Inverse Universe

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



26.1864, 26.0969, 44.2148



42.4464, 41.5342, 78.4166



27.6495, 25.4088, 44.0048



7.6780, 7.9553, 10.0835



5.8664, 2.8666, 29.2886



0.1938, 0.1409, 0.8250

Previews

White Background



This preview shows how the XYZ color 35.7786, 38.7579, 27.0680 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 35.7786, 38.7579, 27.0680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

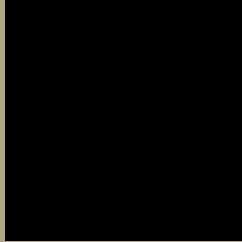
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.7786, 38.7579, 27.0680

Background



This preview shows how black text looks on a background with the XYZ color 35.7786, 38.7579, 27.0680.



This preview shows how white text looks on a background with the XYZ color 35.7786, 38.7579,

27.0680.

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

35.7786, 38.7579, 27.0680

Protanopia

36.2755, 38.7411, 27.0386

Deuteranopia

39.4842, 38.7853, 27.5956



Tritanopia

39.4806, 38.6391, 45.9347

Trichromacy



Original Color

35.7786, 38.7579, 27.0680

Protanomaly

36.0469, 38.6232, 27.0279

Deuteranomaly

38.1794, 38.9082, 27.3276

Tritanomaly

37.8936, 38.5191, 38.2386

Monochromacy



Original Color

35.7786, 38.7579, 27.0680

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.9307, 38.3724, 35.6498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7786, 38.7579, 27.0680 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, 168, 131)` looks like.

```
.text, #text, p{  
    color:rgb(175, 168, 131)  
}
```

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, 168, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 168, 131) }
```

Border

The CSS property to change the border of an element to XYZ 35.7786, 38.7579, 27.0680 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, 168, 131) }
```


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

```
.border{ border-color:rgb(175, 168, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 168, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 168, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 168, 131);  
box-shadow:4px 4px 4px 4px rgb(175, 168,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7786, 38.7579, 27.0680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 168, 131) }
```

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

```
.background{ background-color: rgb(175,  
168, 131) }
```

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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