

Converting Colors

XYZ(34.0659, 35.6862, 27.1390)

Have a look what the booklet for
XYZ(34.0659, 35.6862, 27.1390)
contains.

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Color

**XYZ(34.0380, 35.7193,
27.2908)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA085
RGB	173, 160, 133
RGB Percent	68%, 63%, 52%
CMY	0.3216, 0.3725, 0.4784
CMYK	0.00, 0.08, 0.23, 0.32
HSL	41°, 20%, 60%
HSV	41°, 23%, 68%
XYZ	34.0380, 35.7193, 27.2908
YIQ	160.8090, 16.4150, -5.6410

Conversions

Conversions Part 2

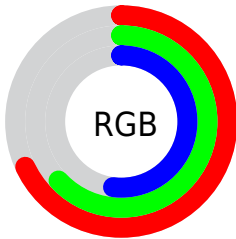
Format	Color
RYB	152, 173, 133
Decimal	11378821
CIELab	66.30, 0.31, 15.80
CIELCh	66, 15.808, 88.891
Yxy	35.7193, 0.3507, 0.3681
Android (android.graphics.Color)	4289568901 (0xFFADA085)
YUV	160.8090, -13.7098, 10.6915
Hunter-Lab	59.7656, -2.9297, 14.7623

Details

The XYZ color **34.0380, 35.7193, 27.2908** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.4944, 28.5607, 43.5989**, and the grayscale version is **33.8446, 35.6072, 38.7762**.

A 20% lighter version of the original color is **65.4765, 68.8041, 56.2839**, and **14.7757, 15.5549, 10.4072** is the 20% darker color. If you saturate the color by 10%, you get **31.9877, 33.3763, 21.1884**, and if you desaturate by 10%, it is **36.3312, 38.2324, 34.4463**.

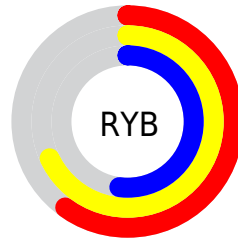
Distribution



Red (68%)

Green (63%)

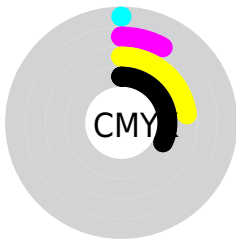
Blue (52%)



Red (60%)

Yellow (68%)

Blue (52%)

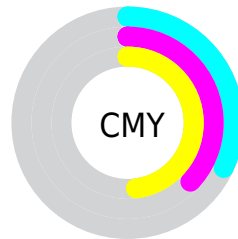


Cyan (0%)

Magenta (8%)

Yellow (23%)

Black (32%)



Cyan (32%)


Magenta (37%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0380, 35.7193, 27.2908 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 34.0380, 35.7193, 27.2908 by changing the saturation by 10% instead.


 34.0380, 35.7193,
27.2908


 34.0380, 35.7193,
27.2908


311.8844,
327.7320, 302.8670


 23.0858, 24.2175,
17.5574


 65.3367, 68.5986,
56.3596

 14.7779, 15.4950,
10.4665


 86.4138, 90.7449,
76.5320

 8.7490, 9.1675,
5.5997


 111.5967,
117.2081, 101.0211

 4.6336, 4.8506,
2.5384

141.2507,
148.3726, 130.2456

 2.0665, 2.1599,
0.8604

175.7411,
184.6229, 164.6238

 0.6709, 0.6980,
0.0000

215.4333,

 0.0000, 0.0000,

226.3433, 204.5745

0.0000

260.6926,
273.9182, 250.5160

■ 34.0380, 35.7193,
27.2908

■ 34.0380, 35.7193,
27.2908

■ 31.9877, 33.3763,
21.1884

■ 36.3312, 38.2324,
34.4463

■ 30.1672, 31.1936,
16.0858

■ 38.8739, 40.9155,
42.7000

■ 28.5664, 29.1674,
11.9288

■ 41.6761, 43.7746,
52.0972

■ 27.1733, 27.2920,
8.6566

■ 44.7462, 46.8141,
62.6799

■ 25.9745, 25.5610,
6.2016

■ 48.0924, 50.0381,
74.4880

■ 24.9545, 23.9672,
4.4864

■ 51.7223, 53.4504,
87.5596

■ 24.0953, 22.5025,
3.4181

■ 55.6434, 57.0548,
101.9311

■ 23.5707, 21.5584,
2.9189

■ 57.1081, 59.7531,
103.1313

■ 58.4767, 62.4903,
103.5875

Harmonies

Analogous

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



36.3493, 35.7193, 28.7916



34.0380, 35.7193, 27.2908



31.8043, 35.7193, 28.5863

Triad

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



34.0380, 35.7193, 27.2908



30.1296, 35.7193, 45.5161



37.9859, 35.7193, 46.0015

Complementary

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



34.0380, 35.7193, 27.2908



27.4944, 28.5607, 43.5989

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.



36.1904, 35.7193, 51.4180



34.0380, 35.7193, 27.2908



31.6589, 35.7193, 51.1157

Square

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



34.0380, 35.7193, 27.2908



29.6118, 35.7193, 38.6413



33.8624, 35.7193, 53.3884



38.6928, 35.7193, 39.1442

Rectangle

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



34.0380, 35.7193, 27.2908



30.6442, 35.7193, 30.9572



33.8624, 35.7193, 53.3884



37.4857, 35.7193, 48.0791

Sweetspot

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



34.0389, 35.7209, 27.2916



67.7440, 71.3173, 70.3170



30.8357, 27.7454, 31.0608



14.6660, 15.4396, 15.0981



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.



34.0389, 35.7209, 27.2916



58.9373, 61.6835, 42.7812



34.9733, 39.7238, 28.0149



8.4400, 8.8848, 8.4835



17.3697, 15.9449, 2.1622



0.5301, 0.5373, 0.0758

Inverse Universe

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



27.4944, 28.5607, 43.5989



45.0459, 46.4884, 77.4048



26.6899, 25.3392, 43.0195



7.7835, 8.1663, 10.1187



6.6347, 4.4033, 29.5447



0.2351, 0.2235, 0.8387

Previews

White Background



This preview shows how the XYZ color 34.0380, 35.7193, 27.2908 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 34.0380, 35.7193, 27.2908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

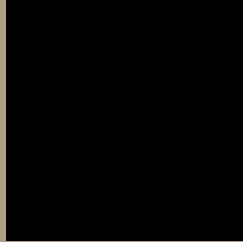
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.0380, 35.7193, 27.2908

Background



This preview shows how black text looks on a background with the XYZ color 34.0380, 35.7193, 27.2908.



This preview shows how white text looks on a background with the XYZ color 34.0380, 35.7193,

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

34.0380, 35.7193, 27.2908

Protanopia

33.5561, 35.7292, 27.3181

Deuteranopia

36.2741, 35.6030, 27.5145



Tritanopia

36.8279, 35.5798, 41.4858

Trichromacy



Original Color

34.0380, 35.7193, 27.2908

Protanomaly

33.7731, 35.8411, 27.3283

Deuteranomaly

35.4161, 35.6589, 27.5705

Tritanomaly

35.8779, 35.7106, 36.0122

Monochromacy



Original Color

34.0380, 35.7193, 27.2908

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.8478, 35.7234, 34.3895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0380, 35.7193, 27.2908 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(173, 160, 133)` looks like.

```
.text, #text, p{  
    color:rgb(173, 160, 133)  
}
```

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(173, 160, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 160, 133) }
```

Border

The CSS property to change the border of an element to XYZ 34.0380, 35.7193, 27.2908 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(173, 160, 133) }
```


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

```
.border{ border-color:rgb(173, 160, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 160, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 160, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 160, 133); box-shadow:4px 4px 4px 4px rgb(173, 160, 133) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0380, 35.7193, 27.2908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 160, 133) }
```

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

```
.background{ background-color: rgb(173,  
160, 133) }
```

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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