

Converting Colors

XYZ(34.0135, 38.6980, 26.8505)

Have a look what the booklet for
XYZ(34.0135, 38.6980, 26.8505)
contains.

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Color

**XYZ(33.9020, 38.6300,
26.7886)**

Conversions

Conversions Part 1

Format	Color
Hex	A4AB82
RGB	164, 171, 130
RGB Percent	64%, 67%, 51%
CMY	0.3569, 0.3294, 0.4902
CMYK	0.04, 0.00, 0.24, 0.33
HSL	70°, 20%, 59%
HSV	70°, 24%, 67%
XYZ	33.9020, 38.6300, 26.7886
YIQ	164.2330, 8.9890, -14.2350

Conversions

Conversions Part 2

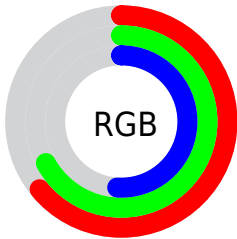
Format	Color
RYB	130, 171, 137
Decimal	10791810
CIELab	68.48, -9.55, 20.34
CIELCh	68, 22.470, 115.162
Yxy	38.6300, 0.3413, 0.3889
Android (android.graphics.Color)	4288981890 (0xFFA4AB82)
YUV	164.2330, -16.8769, -0.2043
Hunter-Lab	62.1530, -11.4032, 17.9525

Details

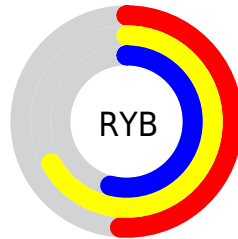
The XYZ color **33.9020, 38.6300, 26.7886** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.6513, 24.2249, 41.8541**, and the grayscale version is **35.4733, 37.3206, 40.6422**.

A 20% lighter version of the original color is **64.9570, 72.8717, 55.4418**, and **14.7269, 17.2176, 10.1366** is the 20% darker color. If you saturate the color by 10%, you get **32.2527, 37.9028, 21.2097**, and if you desaturate by 10%, it is **35.7579, 39.4441, 33.3746**.

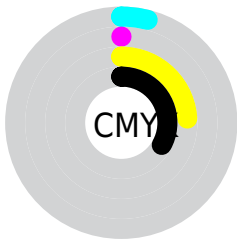
Distribution



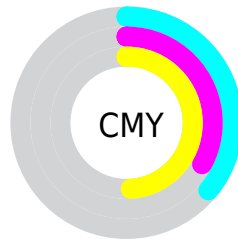
- Red (64%)
- Green (67%)
- Blue (51%)



- Red (51%)
- Yellow (67%)
- Blue (54%)



- Cyan (4%)
- Magenta (0%)
- Yellow (24%)
- Black (33%)



- Cyan (36%)
- Magenta (33%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.9020, 38.6300, 26.7886 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 33.9020, 38.6300, 26.7886 by changing the saturation by 10% instead.

■ 33.9020, 38.6300,
26.7886

■ 33.9020, 38.6300,
26.7886

311.2885,
340.3148, 300.3598

■ 22.9809, 26.4720,
17.1835

■ 65.1265, 73.0727,
55.5441

■ 14.7000, 17.1771,
10.2021

■ 86.1607, 96.1263,
75.5315

■ 8.6940, 10.3608,
5.4258

■ 111.2965,
123.5805, 99.8168

■ 4.5977, 5.6389,
2.4361

140.8993,
155.8197, 128.8184

■ 2.0455, 2.6267,
0.8060

175.3346,
193.2283, 162.9550

■ 0.6593, 0.9401,
0.0000

214.9677,

■ 0.0000, 0.0000,

236.1908, 202.6451

0.0000

260.1638,
285.0915, 248.3072

■ 33.9020, 38.6300,
26.7886

■ 33.9020, 38.6300,
26.7886

■ 32.2527, 37.9028,
21.2097

■ 35.7579, 39.4441,
33.3746

■ 30.7976, 37.2535,
16.5857

■ 37.8263, 40.3435,
41.0113

■ 29.5273, 36.6797,
12.8637

■ 40.1166, 41.3333,
49.7429

■ 28.4305, 36.1768,
9.9845

■ 42.6365, 42.4166,
59.6103

■ 27.4945, 35.7399,
7.8818

■ 45.3936, 43.5964,
70.6522

■ 26.7048, 35.3630,
6.4795

■ 48.3948, 44.8755,
82.9057

■ 26.0439, 35.0392,
5.6863

■ 51.6472, 46.2567,
96.4060

■ 25.6838, 34.8600,
5.3750

■ 53.1974, 46.9587,
100.8679

■ 53.9212, 47.3318,
100.9017

Harmonies

Analogous

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



37.2929, 38.6300, 25.4941



33.9020, 38.6300, 26.7886



31.4159, 38.6300, 31.8928

Triad

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



33.9020, 38.6300, 26.7886



32.9692, 38.6300, 60.1463



43.9141, 38.6300, 43.7247

Complementary

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



33.9020, 38.6300, 26.7886



25.6513, 24.2249, 41.8541

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.



42.5825, 38.6300, 54.1901



33.9020, 38.6300, 26.7886



36.1464, 38.6300, 64.5917

Square

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



33.9020, 38.6300, 26.7886



30.9020, 38.6300, 50.8924



39.6829, 38.6300, 62.2543



43.2184, 38.6300, 34.3163

Rectangle

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



33.9020, 38.6300, 26.7886



30.5306, 38.6300, 37.2709



39.6829, 38.6300, 62.2543



43.6864, 38.6300, 47.2460

Sweetspot

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



33.9030, 38.6317, 26.7894



66.5339, 71.7254, 68.9345



29.7471, 28.1147, 24.9785



14.7894, 15.9742, 15.1948



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.



33.9030, 38.6317, 26.7894



59.0352, 68.4431, 42.2280



30.0370, 36.6387, 26.6085



8.5264, 9.2600, 8.5513



19.3995, 26.2979, 4.0535



0.5745, 0.7496, 0.1144

Inverse Universe

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



25.6513, 24.2249, 41.8541



41.5645, 37.9341, 74.1332



29.3043, 26.1081, 42.0250



7.7017, 7.8205, 10.0563



5.9597, 2.4322, 29.1999



0.2032, 0.0870, 0.8141

Previews

White Background



This preview shows how the XYZ color 33.9020, 38.6300, 26.7886 looks on a white background.

Color Contrast Check

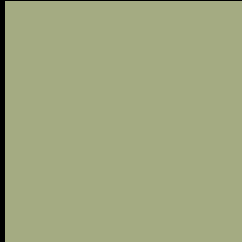
Large Text (above 18pt) WCAG AA × Fail

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 33.9020, 38.6300, 26.7886 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 33.9020, 38.6300, 26.7886

Background



This preview shows how black text looks on a background with the XYZ color 33.9020, 38.6300, 26.7886.



This preview shows how white text looks on a background with the XYZ color 33.9020, 38.6300,

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

33.9020, 38.6300, 26.7886

Protanopia

36.0751, 38.6609, 25.9830

Deuteranopia

39.2413, 38.4097, 27.1754



Tritanopia

38.0686, 38.6707, 47.5772

Trichromacy



Original Color

33.9020, 38.6300, 26.7886

Protanomaly

35.1987, 38.4745, 26.3400

Deuteranomaly

37.1394, 38.3800, 26.9233

Tritanomaly

36.4002, 38.5355, 39.2378

Monochromacy



Original Color

33.9020, 38.6300, 26.7886

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.7961, 37.7969, 35.1674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9020, 38.6300, 26.7886 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(164, 171, 130)` looks like.

```
.text, #text, p{  
    color:rgb(164, 171, 130)  
}
```

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(164, 171, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 171, 130) }
```

Border

The CSS property to change the border of an element to XYZ 33.9020, 38.6300, 26.7886 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(164, 171, 130) }
```


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

```
.border{ border-color:rgb(164, 171, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 171, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 171, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 171, 130);  
box-shadow:4px 4px 4px 4px rgb(164, 171,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9020, 38.6300, 26.7886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 171, 130) }
```

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

```
.background{ background-color: rgb(164,  
171, 130) }
```

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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