

Converting Colors

XYZ(40.4076, 33.1953, 26.8319)

Have a look what the booklet for
XYZ(40.4076, 33.1953, 26.8319)
contains.

XYZ(40.4076, 33.1953, 26.8319)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(40.4076, 33.1953,
26.8319)**

Conversions

Conversions Part 1

Format	Color
Hex	D58786
RGB	213, 135, 134
RGB Percent	84%, 53%, 53%
CMY	0.1647, 0.4706, 0.4745
CMYK	0.00, 0.37, 0.37, 0.16
HSL	1°, 48%, 68%
HSV	1°, 37%, 84%
XYZ	40.4076, 33.1953, 26.8319
YIQ	158.2080, 46.8090, 16.2250

Conversions

Conversions Part 2

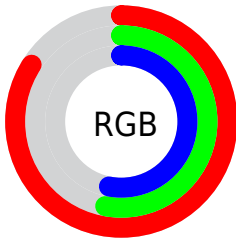
Format	Color
R _Y B	213, 135, 134
Decimal	13993862
CIE Lab	64.32, 29.76, 13.09
CIE LCh	64, 32.513, 23.743
Yxy	33.1953, 0.4023, 0.3305
Android (android.graphics.Color)	4292183942 (0xFFD58786)
YUV	158.2080, -11.9345, 48.0526
Hunter-Lab	57.6154, 24.3612, 12.7190

Details

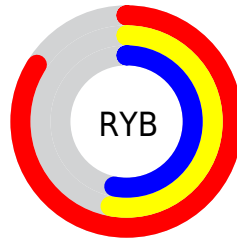
The XYZ color **40.4076, 33.1953, 26.8319** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.3842, 56.9571, 71.5526**, and the grayscale version is **32.6322, 34.3316, 37.3871**.

A 20% lighter version of the original color is **68.4072, 61.2430, 55.2293**, and **18.4809, 14.0487, 10.1251** is the 20% darker color. If you saturate the color by 10%, you get **36.4191, 27.3610, 18.8964**, and if you desaturate by 10%, it is **45.2766, 40.3114, 36.5376**.

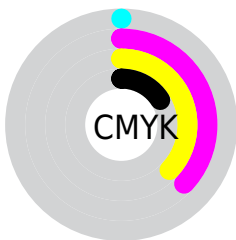
Distribution



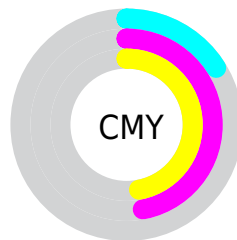
- Red (84%)
- Green (53%)
- Blue (53%)



- Red (84%)
- Yellow (53%)
- Blue (53%)



- Cyan (0%)
- Magenta (37%)
- Yellow (37%)
- Black (16%)





- Cyan (16%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.4076, 33.1953, 26.8319 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 40.4076, 33.1953, 26.8319 by changing the saturation by 10% instead.


 40.4076, 33.1953,
26.8319


 40.4076, 33.1953,
26.8319


338.9436,
316.5288, 300.5767


 28.0421, 22.2761,
17.2157


 75.0642, 64.6803,
55.6145

 18.4980, 14.0599,
10.2248


 98.0860, 86.0149,
75.6179

 11.4100, 8.1623,
5.4407


 125.3906,
111.5901, 99.9208

 6.4126, 4.1990,
2.4449

157.3435,
141.7903, 128.9418

 3.1406, 1.7855,
0.8107

194.3098,
176.9999, 163.0993

 1.2285, 0.4781,
0.0000

236.6550,

 0.1287, 0.0000,

217.6032, 202.8119

0.0000

284.7445,
263.9848, 248.4982

■ 0.0000, 0.0000,
0.0000

■ 40.4076, 33.1953,
26.8319

■ 40.4076, 33.1953,
26.8319

■ 36.4191, 27.3610,
18.8964

■ 45.2766, 40.3114,
36.5376

■ 33.2560, 22.7279,
12.6226

■ 51.0714, 48.7741,
48.1094

■ 30.8613, 19.2138,
7.8932

■ 57.8375, 58.6495,
61.6384

■ 29.1697, 16.7242,
4.5744

■ 65.6166, 69.9980,
77.2093

■ 28.1050, 15.1491,
2.5103

■ 74.4479, 82.8765,
94.9018

■ 27.5704, 14.3514,
1.4951

■ 81.2505, 92.8861,
108.2542

■ 27.4699, 14.2049,
1.2940

Harmonies

Analogous

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



41.2381, 33.1953, 38.9901



40.4076, 33.1953, 26.8319



37.1057, 33.1953, 19.2564

Triad

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



40.4076, 33.1953, 26.8319



24.9121, 33.1953, 23.0817



30.5923, 33.1953, 67.8166

Complementary

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



40.4076, 33.1953, 26.8319



45.3842, 56.9571, 71.5526

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.



26.5806, 33.1953, 60.8051



40.4076, 33.1953, 26.8319



23.5140, 33.1953, 33.4400

Square

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



40.4076, 33.1953, 26.8319



28.1055, 33.1953, 17.4900



24.0937, 33.1953, 47.3943



35.2674, 33.1953, 64.8146

Rectangle

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



40.4076, 33.1953, 26.8319



34.1056, 33.1953, 16.7985



24.0937, 33.1953, 47.3943



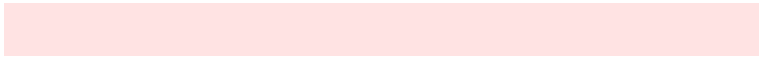
29.1275, 33.1953, 66.5074

Sweetspot

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



40.4085, 33.1969, 26.8325



82.6513, 81.9094, 84.0908



47.9760, 36.0007, 67.3709



17.3914, 17.0951, 17.4003



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.4085, 33.1969, 26.8325



55.6219, 42.4204, 30.1641



46.7834, 45.9468, 28.9575



12.4358, 12.4458, 12.9076



16.7855, 8.6883, 0.7923



1.0170, 0.5332, 0.0493

Inverse Universe

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



45.3842, 56.9571, 71.5526



64.2036, 83.4097, 107.3235



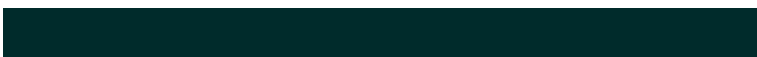
36.8816, 39.9520, 68.7184



12.7780, 14.0795, 15.9817



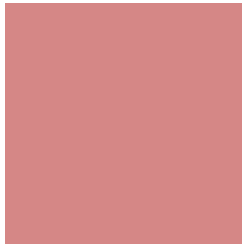
21.4644, 31.1906, 43.3422



1.2991, 1.8902, 2.6157

Previews

White Background



This preview shows how the XYZ color 40.4076, 33.1953, 26.8319 looks on a white background.

Color Contrast Check

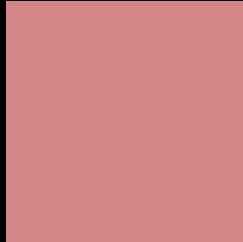
Large Text (above 18pt) WCAG AA × Fail

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 40.4076, 33.1953, 26.8319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

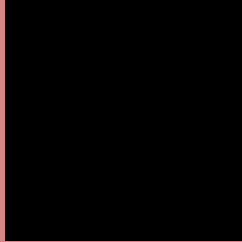
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.4076, 33.1953, 26.8319

Background



This preview shows how black text looks on a background with the XYZ color 40.4076, 33.1953, 26.8319.



This preview shows how white text looks on a background with the XYZ color 40.4076, 33.1953,

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

40.4076, 33.1953, 26.8319

Protanopia

31.8996, 33.5026, 31.5734

Deuteranopia

33.8255, 33.1547, 26.0894



Tritanopia

41.2907, 33.3600, 30.6484

Trichromacy



Original Color

40.4076, 33.1953, 26.8319

Protanomaly

34.4537, 32.9267, 29.7389

Deuteranomaly

36.0285, 33.1232, 26.3243

Tritanomaly

40.9903, 33.2398, 29.0664

Monochromacy



Original Color

40.4076, 33.1953, 26.8319

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

34.6913, 33.4476, 33.0614

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4076, 33.1953, 26.8319 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(213, 135, 134)` looks like.

```
.text, #text, p{  
    color:rgb(213, 135, 134)  
}
```

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(213, 135, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 135, 134) }
```

Border

The CSS property to change the border of an element to XYZ 40.4076, 33.1953, 26.8319 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(213, 135, 134) }
```


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

```
.border{ border-color:rgb(213, 135, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 135, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 135, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 135, 134);  
box-shadow:4px 4px 4px 4px rgb(213, 135,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4076, 33.1953, 26.8319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 135, 134) }
```

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

```
.background{ background-color: rgb(213,  
135, 134) }
```

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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