

Converting Colors

XYZ(29.3398, 28.6669, 26.1098)

Have a look what the booklet for
XYZ(29.3398, 28.6669, 26.1098)
contains.

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Color

**XYZ(29.3376, 28.5566,
26.1560)**

Conversions

Conversions Part 1

Format	Color
Hex	A68C85
RGB	166, 140, 133
RGB Percent	65%, 55%, 52%
CMY	0.3490, 0.4510, 0.4784
CMYK	0.00, 0.16, 0.20, 0.35
HSL	13°, 16%, 59%
HSV	13°, 20%, 65%
XYZ	29.3376, 28.5566, 26.1560
YIQ	146.9760, 17.7430, 3.3350

Conversions

Conversions Part 2

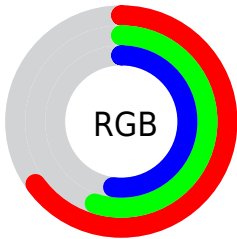
Format	Color
R_{YB}	166, 142, 133
Decimal	10914949
CIE Lab	60.39, 8.65, 7.38
CIE LCh	60, 11.367, 40.462
Yxy	28.5566, 0.3490, 0.3398
Android (android.graphics.Color)	4289105029 (0xFFA68C85)
YUV	146.9760, -6.8902, 16.6840
Hunter-Lab	53.4384, 4.4791, 8.3867

Details

The XYZ color **29.3376, 28.5566, 26.1560** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.9537, 32.5352, 40.8305**, and the grayscale version is **27.7463, 29.1913, 31.7893**.

A 20% lighter version of the original color is **57.9735, 57.5009, 54.4976**, and **12.1958, 11.5298, 9.9702** is the 20% darker color. If you saturate the color by 10%, you get **26.4817, 24.5372, 19.9860**, and if you desaturate by 10%, it is **32.6035, 33.1053, 33.3576**.

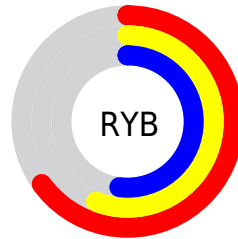
Distribution



Red (65%)

Green (55%)

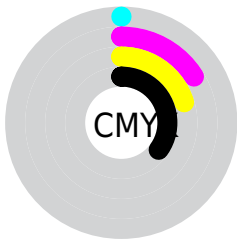
Blue (52%)



Red (65%)

Yellow (56%)

Blue (52%)

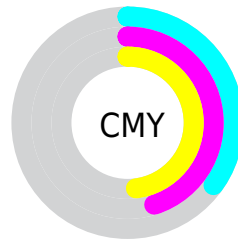


Cyan (0%)

Magenta (16%)

Yellow (20%)

Black (35%)



Cyan (35%)

Magenta (45%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3376, 28.5566, 26.1560 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 29.3376, 28.5566, 26.1560 by changing the saturation by 10% instead.

■ 29.3376, 28.5566,
26.1560

■ 29.3376, 28.5566,
26.1560

290.7701,
295.1171, 297.1768

■ 19.4819, 18.7457,
16.7136

■ 58.0069, 57.3719,
54.5137

■ 12.1251, 11.4866,
9.8707

■ 77.5512, 77.1450,
74.2660

■ 6.9017, 6.3952,
5.2088

■ 101.0558,
101.0076, 98.2920

■ 3.4465, 3.0868,
2.3094

128.8860,
129.3441, 127.0103

■ 1.3940, 1.1772,
0.7365

161.4072,
162.5389, 160.8394

■ 0.2520, 0.0430,
0.0000

198.9847,

■ 0.0000, 0.0000,

200.9764, 200.1978

0.0000

241.9839,
245.0410, 245.5041

■ 29.3376, 28.5566,
26.1560

■ 29.3376, 28.5566,
26.1560

■ 26.4817, 24.5372,
19.9860

■ 32.6035, 33.1053,
33.3576

■ 24.0170, 21.0240,
14.7983

■ 36.2924, 38.1977,
41.6333

■ 21.9267, 17.9979,
10.5426

■ 40.4199, 43.8524,
51.0253

■ 20.1919, 15.4370,
7.1630

■ 44.9999, 50.0861,
61.5732

■ 18.7920, 13.3178,
4.5979

■ 50.0456, 56.9145,
73.3145

■ 17.7039, 11.6146,
2.7772

■ 55.5698, 64.3530,
86.2851

■ 16.9016, 10.2989,
1.6192

■ 61.5849, 72.4163,
100.5192

■ 16.3395, 9.3324,
0.9459

■ 66.3141, 80.4033,
106.6320

■ 16.3338, 9.3226,
0.9386

■ 69.5360, 86.8470,
107.7060

Harmonies

Analogous

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



30.0014, 28.5566, 29.6542



29.3376, 28.5566, 26.1560



28.0932, 28.5566, 24.1066

Triad

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



29.3376, 28.5566, 26.1560



24.5783, 28.5566, 28.4779



27.6558, 28.5566, 39.7010

Complementary

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



29.3376, 28.5566, 26.1560



28.9537, 32.5352, 40.8305

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.



26.2129, 28.5566, 39.3142



29.3376, 28.5566, 26.1560



24.4707, 28.5566, 32.5782

Square

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



29.3376, 28.5566, 26.1560



25.3585, 28.5566, 25.3615



25.0591, 28.5566, 36.6158



29.0076, 28.5566, 37.6295

Rectangle

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



29.3376, 28.5566, 26.1560



27.1195, 28.5566, 23.7177



25.0591, 28.5566, 36.6158



27.1649, 28.5566, 39.8584

Sweetspot

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



29.3384, 28.5579, 26.1566



61.6026, 63.4469, 65.9662



30.4065, 27.3995, 36.6695



13.6944, 14.0724, 14.5582



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



29.3384, 28.5579, 26.1566



50.7882, 48.3806, 42.1302



31.8651, 33.6112, 26.9988



7.6554, 7.7908, 7.8896



12.6948, 7.2869, 0.7374



0.3437, 0.2469, 0.0295

Inverse Universe

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



28.9537, 32.5352, 40.8305



49.9545, 56.9705, 73.8388



26.3636, 27.3550, 39.9671



7.6104, 8.2578, 9.6111



11.6421, 14.7443, 30.2078



0.3162, 0.4246, 0.7459

Previews

White Background



This preview shows how the XYZ color 29.3376, 28.5566, 26.1560 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3376, 28.5566, 26.1560 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 × Fail

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

XYZ 29.3376, 28.5566, 26.1560

Background



This preview shows how black text looks on a background with the XYZ color 29.3376, 28.5566, 26.1560.



This preview shows how white text looks on a background with the XYZ color 29.3376, 28.5566,

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

29.3376, 28.5566, 26.1560

Protanopia

27.3318, 28.6077, 27.3738

Deuteranopia

29.2756, 28.7425, 26.1952



Tritanopia

30.5822, 28.6399, 31.9332

Trichromacy



Original Color

29.3376, 28.5566, 26.1560

Protanomaly

27.9059, 28.4621, 26.9446

Deuteranomaly

29.2756, 28.7425, 26.1952

Tritanomaly

30.1269, 28.6639, 29.9314

Monochromacy



Original Color

29.3376, 28.5566, 26.1560

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.1822, 28.7695, 29.6589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3376, 28.5566, 26.1560 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(166, 140, 133)` looks like.

```
.text, #text, p{  
    color:rgb(166, 140, 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(166, 140, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 140, 133) }
```

Border

The CSS property to change the border of an element to XYZ 29.3376, 28.5566, 26.1560 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(166, 140, 133) }
```


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

```
.border{ border-color:rgb(166, 140, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 140, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 140, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 140, 133);  
box-shadow:4px 4px 4px 4px rgb(166, 140,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3376, 28.5566, 26.1560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 140, 133) }
```

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

```
.background{ background-color: rgb(166,  
140, 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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