

Converting Colors

XYZ(28.1349, 26.2978, 25.9339)

Have a look what the booklet for
XYZ(28.1349, 26.2978, 25.9339)
contains.

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Color

**XYZ(28.0020, 26.1953,
25.7706)**

Conversions

Conversions Part 1

Format	Color
Hex	A58485
RGB	165, 132, 133
RGB Percent	65%, 52%, 52%
CMY	0.3529, 0.4823, 0.4784
CMYK	0.00, 0.20, 0.19, 0.35
HSL	358°, 15%, 58%
HSV	358°, 20%, 65%
XYZ	28.0020, 26.1953, 25.7706
YIQ	141.9810, 19.3470, 7.3070

Conversions

Conversions Part 2

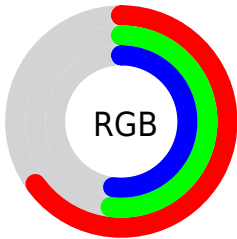
Format	Color
R_{YB}	165, 132, 133
Decimal	10847365
CIE _{Lab}	58.22, 12.78, 4.26
CIE _{LCh}	58, 13.468, 18.417
Yxy	26.1953, 0.3502, 0.3276
Android (android.graphics.Color)	4289037445 (0xFFA58485)
YUV	141.9810, -4.4276, 20.1877
Hunter-Lab	51.1813, 8.0924, 5.9735

Details

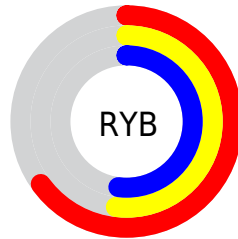
The XYZ color **28.0020, 26.1953, 25.7706** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.6728, 34.4969, 40.2184**, and the grayscale version is **25.7158, 27.0550, 29.4629**.

A 20% lighter version of the original color is **55.7271, 53.4587, 53.8358**, and **11.4276, 10.1854, 9.7512** is the 20% darker color. If you saturate the color by 10%, you get **24.9164, 21.6605, 19.6971**, and if you desaturate by 10%, it is **31.6114, 31.5077, 32.8503**.

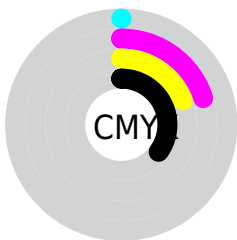
Distribution



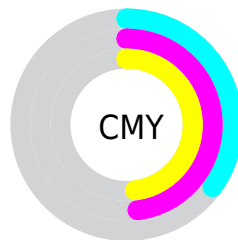
- Red (65%)
- Green (52%)
- Blue (52%)



- Red (65%)
- Yellow (52%)
- Blue (52%)



- Cyan (0%)
- Magenta (20%)
- Yellow (19%)
- Black (35%)





- Cyan (35%)
- Magenta (48%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.0020, 26.1953, 25.7706 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 28.0020, 26.1953, 25.7706 by changing the saturation by 10% instead.


 28.0020, 26.1953,
25.7706


 28.0020, 26.1953,
25.7706


284.5564,
283.7395, 295.2237


 18.4676, 16.9698,
16.4279


 55.8963, 53.5898,
53.8842

 11.3880, 10.2130,
9.6698


 74.9869, 72.5277,
73.4921

 6.3976, 5.5404,
5.0779


 97.9936, 95.4718,
97.3588

 3.1313, 2.5677,
2.2335

125.2818,
122.8065, 125.9029

 1.2236, 0.9104,
0.6936

157.2168,
154.9162, 159.5429

 0.1249, 0.0000,
0.0000

194.1640,

 0.0000, 0.0000,

192.1853, 198.6974

0.0000

236.4887,
234.9983, 243.7848

■ 28.0020, 26.1953,
25.7706

■ 28.0020, 26.1953,
25.7706

■ 24.9164, 21.6605,
19.6971

■ 31.6114, 31.5077,
32.8503

■ 22.3283, 17.8634,
14.5825

■ 35.7650, 37.6279,
40.9771

■ 20.2122, 14.7661,
10.3784

■ 40.4849, 44.5890,
50.1918

■ 18.5397, 12.3259,
7.0313

■ 45.7911, 52.4211,
60.5324

■ 17.2792, 10.4954,
4.4824

■ 51.7030, 61.1528,
72.0352

■ 16.3950, 9.2208,
2.6653

■ 58.2387, 70.8114,
84.7347

■ 15.8453, 8.4392,
1.5028

■ 65.4157, 81.4232,
98.6641

■ 15.5446, 8.0104,
0.8701

■ 69.3272, 86.7394,
107.6962

■ 15.5445, 8.0103,
0.8700

Harmonies

Analogous

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



28.1071, 26.1953, 30.3688



28.0020, 26.1953, 25.7706



27.0437, 26.1953, 22.3025

Triad

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



28.0020, 26.1953, 25.7706



22.6191, 26.1953, 22.9531



24.2718, 26.1953, 38.2852

Complementary

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



28.0020, 26.1953, 25.7706



29.6728, 34.4969, 40.2184

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.



22.8686, 26.1953, 35.8026



28.0020, 26.1953, 25.7706



21.9427, 26.1953, 26.7520

Square

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



28.0020, 26.1953, 25.7706



23.9175, 26.1953, 20.8028



22.0320, 26.1953, 31.4631



25.9046, 26.1953, 37.9481

Rectangle

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



28.0020, 26.1953, 25.7706



26.0725, 26.1953, 20.9409



22.0320, 26.1953, 31.4631



23.7590, 26.1953, 37.7426

Sweetspot

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



28.0027, 26.1965, 25.7711



59.3873, 60.5138, 64.2638



30.3328, 27.1022, 39.2303



12.8866, 13.0872, 13.8603



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



28.0027, 26.1965, 25.7711



47.5823, 43.1397, 41.1046



30.1788, 30.6583, 26.1582



7.0820, 7.0893, 7.4184



11.7629, 6.0612, 0.6761



0.2496, 0.1283, 0.0271

Inverse Universe

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



28.0027, 26.1965, 25.7711



47.5823, 43.1397, 41.1046



27.1509, 29.3085, 39.8238



7.0820, 7.0893, 7.4184



11.7629, 6.0612, 0.6761



0.2496, 0.1283, 0.0271

Previews

White Background



This preview shows how the XYZ color 28.0020, 26.1953, 25.7706 looks on a white background.

Color Contrast Check

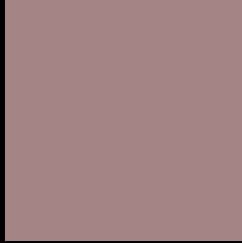
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0020, 26.1953, 25.7706 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 28.0020, 26.1953, 25.7706

Background



This preview shows how black text looks on a background with the XYZ color 28.0020, 26.1953, 25.7706.



This preview shows how white text looks on a background with the XYZ color 28.0020, 26.1953,

25.7706.

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

28.0020, 26.1953, 25.7706

Protanopia

25.2211, 26.4019, 27.4337

Deuteranopia

26.7335, 26.1620, 25.4706



Tritanopia

28.6499, 26.2627, 28.7585

Trichromacy



Original Color

28.0020, 26.1953, 25.7706

Protanomaly

26.1521, 26.2482, 26.9806

Deuteranomaly

27.1872, 26.1897, 25.4520

Tritanomaly

28.4296, 26.1746, 27.5985

Monochromacy



Original Color

28.0020, 26.1953, 25.7706

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.3264, 26.5251, 28.1584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0020, 26.1953, 25.7706 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(165, 132, 133)` looks like.

```
.text, #text, p{  
    color:rgb(165, 132, 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(165, 132, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 132, 133) }
```

Border

The CSS property to change the border of an element to XYZ 28.0020, 26.1953, 25.7706 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(165, 132, 133) }
```


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

```
.border{ border-color:rgb(165, 132, 133) }
```

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

Here you see how a box with a 4 pixel rgb(165, 132, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 132, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 132, 133);  
box-shadow:4px 4px 4px 4px rgb(165, 132,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0020, 26.1953, 25.7706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 132, 133) }
```

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

```
.background{ background-color: rgb(165,  
132, 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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