

Converting Colors

XYZ(28.2397, 28.0071, 26.7364)

Have a look what the booklet for
XYZ(28.2397, 28.0071, 26.7364)
contains.

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Color

**XYZ(28.2485, 27.9790,
26.8333)**

Conversions

Conversions Part 1

Format	Color
Hex	A08C87
RGB	160, 140, 135
RGB Percent	63%, 55%, 53%
CMY	0.3725, 0.4510, 0.4706
CMYK	0.00, 0.12, 0.16, 0.37
HSL	12°, 12%, 58%
HSV	12°, 16%, 63%
XYZ	28.2485, 27.9790, 26.8333
YIQ	145.4100, 13.5250, 2.6850

Conversions

Conversions Part 2

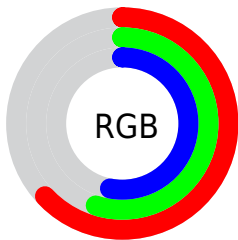
Format	Color
R_{YB}	160, 141, 135
Decimal	10521735
CIE _{Lab}	59.87, 6.65, 5.42
CIE _{LCh}	60, 8.577, 39.177
Yxy	27.9790, 0.3401, 0.3368
Android (android.graphics.Color)	4288711815 (0xFFA08C87)
YUV	145.4100, -5.1321, 12.7954
Hunter-Lab	52.8952, 2.7608, 6.9493

Details

The XYZ color **28.2485, 27.9790, 26.8333** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.0581, 31.1311, 37.7882**, and the grayscale version is **27.0975, 28.5087, 31.0459**.

A 20% lighter version of the original color is **56.3932, 56.6615, 55.5415**, and **11.4802, 11.1564, 10.1426** is the 20% darker color. If you saturate the color by 10%, you get **25.4432, 24.0375, 20.7518**, and if you desaturate by 10%, it is **31.4423, 32.4258, 33.8803**.

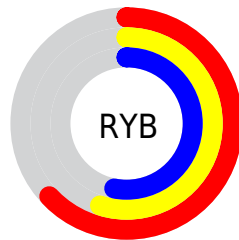
Distribution



Red (63%)

Green (55%)

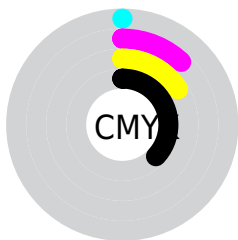
Blue (53%)



Red (63%)

Yellow (55%)

Blue (53%)

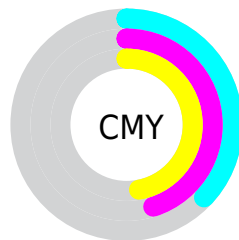


Cyan (0%)

Magenta (12%)

Yellow (16%)

Black (37%)



Cyan (37%)

Magenta (45%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2485, 27.9790, 26.8333 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 28.2485, 27.9790, 26.8333 by changing the saturation by 10% instead.

■ 28.2485, 27.9790,
26.8333

■ 28.2485, 27.9790,
26.8333

285.7110,
292.3666, 300.5837

■ 18.6545, 18.3098,
17.2167

■ 56.2868, 56.4509,
55.6167

■ 11.5234, 11.1727,
10.2255

■ 75.4618, 76.0224,
75.6207

■ 6.4899, 6.1831,
5.4412

■ 98.5612, 99.6636,
99.9242

■ 3.1887, 2.9567,
2.4452

125.9503,
127.7586, 128.9457

■ 1.2543, 1.1092,
0.8109

157.9945,
160.6921, 163.1039

■ 0.1486, 0.0000,
0.0000

195.0591,

■ 0.0000, 0.0000,

198.8483, 202.8173

0.0000

237.5095,
242.6116, 248.5044

■ 28.2485, 27.9790,
26.8333

■ 28.2485, 27.9790,
26.8333

■ 25.4432, 24.0375,
20.7518

■ 31.4423, 32.4258,
33.8803

■ 23.0090, 20.5797,
15.5918

■ 35.0362, 37.3911,
41.9304

■ 20.9307, 17.5879,
11.3086

■ 39.0446, 42.8923,
51.0216

■ 19.1914, 15.0419,
7.8532

■ 43.4801, 48.9448,
61.1893

■ 17.7723, 12.9201,
5.1716

■ 48.3551, 55.5635,
72.4672

■ 16.6530, 11.1989,
3.2034

■ 53.6811, 62.7626,
84.8876

■ 15.8105, 9.8525,
1.8790

■ 59.4695, 70.5559,
98.4813

■ 15.2167, 8.8509,
1.1074

■ 64.4158, 78.4304,
106.3513

■ 15.0144, 8.5077,
0.8508

■ 68.3074, 86.2137,
107.6485

Harmonies

Analogous

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



28.7129, 27.9790, 29.5186



28.2485, 27.9790, 26.8333



27.3440, 27.9790, 25.1993

Triad

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



28.2485, 27.9790, 26.8333



24.6849, 27.9790, 28.3833



26.9283, 27.9790, 36.7716

Complementary

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



28.2485, 27.9790, 26.8333



28.0581, 31.1311, 37.7882

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.



25.8563, 27.9790, 36.4160



28.2485, 27.9790, 26.8333



24.5805, 27.9790, 31.4302

Square

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



28.2485, 27.9790, 26.8333



25.2931, 27.9790, 26.0509



25.0039, 27.9790, 34.4091



27.9371, 27.9790, 35.3501

Rectangle

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



28.2485, 27.9790, 26.8333



26.6233, 27.9790, 24.8565



25.0039, 27.9790, 34.4091



26.5632, 27.9790, 36.8580

Sweetspot

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



28.2493, 27.9803, 26.8339



57.4158, 59.3278, 62.2422



29.0780, 27.1685, 34.7222



12.5031, 12.8880, 13.4526



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



28.2493, 27.9803, 26.8339



49.3048, 48.0198, 44.3891



30.1803, 31.8424, 27.4776



6.7352, 6.8505, 6.9530



11.7221, 6.6799, 0.6715



0.2352, 0.1706, 0.0205

Inverse Universe

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



28.0581, 31.1311, 37.7882



48.8845, 54.9277, 68.4121



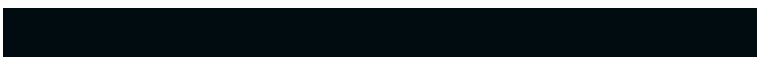
26.0848, 27.1845, 37.1304



6.7090, 7.2838, 8.4590



10.9854, 14.0624, 28.0426



0.2228, 0.3041, 0.5102

Previews

White Background



This preview shows how the XYZ color 28.2485, 27.9790, 26.8333 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 28.2485, 27.9790, 26.8333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

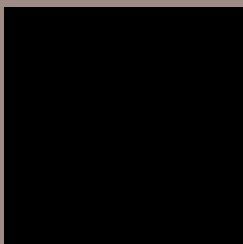
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.2485, 27.9790, 26.8333

Background



This preview shows how black text looks on a background with the XYZ color 28.2485, 27.9790, 26.8333.



This preview shows how white text looks on a background with the XYZ color 28.2485, 27.9790,

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

28.2485, 27.9790, 26.8333

Protanopia

26.8830, 28.1422, 27.6820

Deuteranopia

28.5061, 27.8959, 26.8037



Tritanopia

29.4136, 28.0283, 32.2935

Trichromacy



Original Color

28.2485, 27.9790, 26.8333

Protanomaly

27.4033, 28.1948, 27.2904

Deuteranomaly

28.3037, 27.7916, 26.7942

Tritanomaly

28.9646, 28.0559, 30.2743

Monochromacy



Original Color

28.2485, 27.9790, 26.8333

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.2079, 28.0520, 29.1799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2485, 27.9790, 26.8333 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(160, 140, 135)` looks like.

```
.text, #text, p{  
    color:rgb(160, 140, 135)  
}
```

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(160, 140, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 140, 135) }
```

Border

The CSS property to change the border of an element to XYZ 28.2485, 27.9790, 26.8333 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(160, 140, 135) }
```


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

```
.border{ border-color:rgb(160, 140, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 140, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 140, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 140, 135);  
box-shadow:4px 4px 4px 4px rgb(160, 140,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2485, 27.9790, 26.8333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 140, 135) }
```

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

```
.background{ background-color: rgb(160,  
140, 135) }
```

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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