

Converting Colors

XYZ(28.2763, 25.5784, 23.5956)

Have a look what the booklet for
XYZ(28.2763, 25.5784, 23.5956)
contains.

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Color

**XYZ(28.3445, 25.6286,
23.5316)**

Conversions

Conversions Part 1

Format	Color
Hex	AB807F
RGB	171, 128, 127
RGB Percent	67%, 50%, 50%
CMY	0.3294, 0.4980, 0.5020
CMYK	0.00, 0.25, 0.26, 0.33
HSL	1°, 21%, 58%
HSV	1°, 26%, 67%
XYZ	28.3445, 25.6286, 23.5316
YIQ	140.7430, 25.9490, 8.8050

Conversions

Conversions Part 2

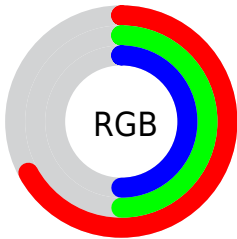
Format	Color
RYB	171, 128, 127
Decimal	11239551
CIELab	57.68, 16.45, 7.02
CIELCh	58, 17.887, 23.099
Yxy	25.6286, 0.3657, 0.3307
Android (android.graphics.Color)	4289429631 (0xFFAB807F)
YUV	140.7430, -6.7753, 26.5354
Hunter-Lab	50.6247, 11.3480, 7.8778

Details

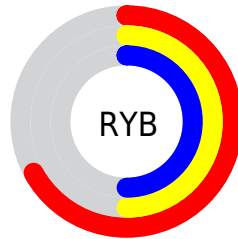
The XYZ color **28.3445, 25.6286, 23.5316** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.4773, 36.2005, 43.9092**, and the grayscale version is **25.2360, 26.5502, 28.9132**.

A 20% lighter version of the original color is **56.4406, 52.6739, 50.3724**, and **11.6423, 9.9936, 8.5231** is the 20% darker color. If you saturate the color by 10%, you get **25.3203, 21.2148, 17.4840**, and if you desaturate by 10%, it is **31.9182, 30.8383, 30.6962**.

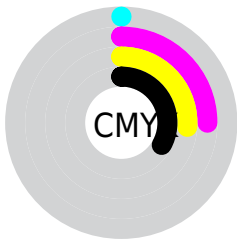
Distribution



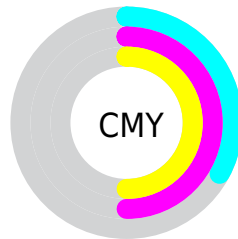
- Red (67%)
- Green (50%)
- Blue (50%)



- Red (67%)
- Yellow (50%)
- Blue (50%)



- Cyan (0%)
- Magenta (25%)
- Yellow (26%)
- Black (33%)





- Cyan (33%)
- Magenta (50%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.3445, 25.6286, 23.5316 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 28.3445, 25.6286, 23.5316 by changing the saturation by 10% instead.

 28.3445, 25.6286,
23.5316


 28.3445, 25.6286,
23.5316


286.1597,
280.9541, 283.6537


 18.7273, 16.5460,
14.7775


 56.4388, 52.6752,
50.1990

 11.5762, 9.9113,
8.5185


 75.6466, 71.4079,
68.9494

 6.5260, 5.3402,
4.3360


 98.7819, 94.1262,
91.8689

 3.2111, 2.4482,
1.8114

126.2102,
121.2144, 119.3763

 1.2664, 0.8505,
0.4355

158.2968,
153.0569, 151.8898

 0.1578, 0.0000,
0.0000

195.4070,

 0.0000, 0.0000,

190.0381, 189.8283

0.0000

237.9062,
232.5424, 233.6100

■ 28.3445, 25.6286,
23.5316

■ 28.3445, 25.6286,
23.5316

■ 25.3203, 21.2148,
17.4840

■ 31.9182, 30.8383,
30.6962

■ 22.8165, 17.5545,
12.4956

■ 36.0646, 36.8766,
39.0283

■ 20.8042, 14.6065,
8.5060

■ 40.8079, 43.7788,
48.5775

■ 19.2512, 12.3247,
5.4479

■ 46.1706, 51.5768,
59.3897

■ 18.1213, 10.6570,
3.2459

■ 52.1739, 60.3013,
71.5087

■ 17.3729, 9.5440,
1.8127

■ 58.8378, 69.9812,
84.9762

■ 16.9547, 8.9141,
1.0366

■ 66.1817, 80.6443,
99.8318

■ 16.8369, 8.7426,
0.8001

■ 70.6046, 87.3979,
107.7560

Harmonies

Analogous

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



28.6778, 25.6286, 29.3456



28.3445, 25.6286, 23.5316



26.9150, 25.6286, 19.5008

Triad

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



28.3445, 25.6286, 23.5316



21.2140, 25.6286, 21.4092



23.8680, 25.6286, 41.3188

Complementary

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



28.3445, 25.6286, 23.5316



30.4773, 36.2005, 43.9092

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.



21.9706, 25.6286, 38.4322



28.3445, 25.6286, 23.5316



20.4975, 25.6286, 26.5127

Square

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



28.3445, 25.6286, 23.5316



22.7799, 25.6286, 18.4066



20.7662, 25.6286, 32.7897



26.0098, 25.6286, 40.2122

Rectangle

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



28.3445, 25.6286, 23.5316



25.5754, 25.6286, 18.0783



20.7662, 25.6286, 32.7897



23.1822, 25.6286, 40.7708

Sweetspot

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



28.3452, 25.6298, 23.5321



62.7031, 63.2975, 66.1037



31.6651, 26.7493, 41.6568



13.7322, 13.7503, 14.2371



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.



28.3452, 25.6298, 23.5321



47.4967, 41.1331, 35.6063



31.4894, 31.9181, 24.5802



8.0193, 8.0435, 8.3433



12.6979, 6.6013, 0.6049



0.3579, 0.1929, 0.0184

Inverse Universe

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



30.4773, 36.2005, 43.9092



51.9832, 63.3799, 78.4956



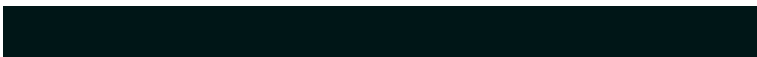
26.7351, 28.7161, 42.6618



8.2204, 9.0403, 10.2644



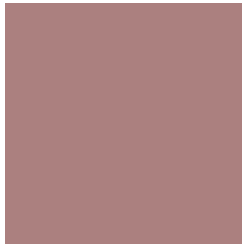
15.9780, 23.0898, 32.6592



0.4493, 0.6519, 0.9101

Previews

White Background



This preview shows how the XYZ color 28.3445, 25.6286, 23.5316 looks on a white background.

Color Contrast Check

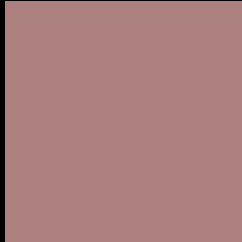
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3445, 25.6286, 23.5316 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 28.3445, 25.6286, 23.5316

Background



This preview shows how black text looks on a background with the XYZ color 28.3445, 25.6286, 23.5316.



This preview shows how white text looks on a background with the XYZ color 28.3445, 25.6286,

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

28.3445, 25.6286, 23.5316

Protanopia

24.6498, 25.7101, 25.8537

Deuteranopia

26.1956, 25.7247, 23.3234



Tritanopia

29.0466, 25.7270, 26.7274

Trichromacy



Original Color

28.3445, 25.6286, 23.5316

Protanomaly

25.7587, 25.4612, 25.0296

Deuteranomaly

26.9175, 25.6903, 23.2787

Tritanomaly

28.8363, 25.6429, 25.6200

Monochromacy



Original Color

28.3445, 25.6286, 23.5316

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.1970, 26.0613, 26.9422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3445, 25.6286, 23.5316 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(171, 128, 127)` looks like.

```
.text, #text, p{  
    color:rgb(171, 128, 127)  
}
```

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(171, 128, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 128, 127) }
```

Border

The CSS property to change the border of an element to XYZ 28.3445, 25.6286, 23.5316 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(171, 128, 127) }
```


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

```
.border{ border-color:rgb(171, 128, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 128, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 128, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 128, 127);  
box-shadow:4px 4px 4px 4px rgb(171, 128,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3445, 25.6286, 23.5316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 128, 127) }
```

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

```
.background{ background-color: rgb(171,  
128, 127) }
```

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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