

Converting Colors

XYZ(28.4222, 25.6862, 31.8783)

Have a look what the booklet for
XYZ(28.4222, 25.6862, 31.8783)
contains.

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Color

**XYZ(28.3793, 25.6570,
31.8903)**

Conversions

Conversions Part 1

Format	Color
Hex	A38195
RGB	163, 129, 149
RGB Percent	64%, 51%, 58%
CMY	0.3608, 0.4941, 0.4157
CMYK	0.00, 0.21, 0.09, 0.36
HSL	325°, 16%, 57%
HSV	325°, 21%, 64%
XYZ	28.3793, 25.6570, 31.8903
YIQ	141.4460, 13.8440, 13.4280

Conversions

Conversions Part 2

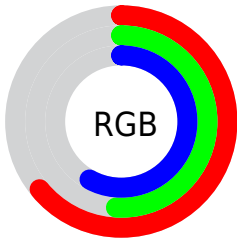
Format	Color
RYB	163, 129, 149
Decimal	10715541
CIELab	57.71, 16.47, -5.73
CIElCh	58, 17.442, 340.809
Yxy	25.6570, 0.3303, 0.2986
Android (android.graphics.Color)	4288905621 (0xFFA38195)
YUV	141.4460, 3.7241, 18.9029
Hunter-Lab	50.6527, 11.3662, -1.8713

Details

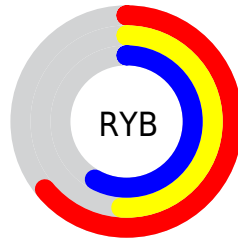
The XYZ color **28.3793, 25.6570, 31.8903** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **27.1094, 32.8453, 30.8991**, and the grayscale version is **25.4752, 26.8019, 29.1873**.

A 20% lighter version of the original color is **56.4209, 52.6731, 63.6931**, and **11.6288, 9.9987, 12.8723** is the 20% darker color. If you saturate the color by 10%, you get **25.8807, 21.4926, 28.4893**, and if you desaturate by 10%, it is **31.2528, 30.5211, 35.5693**.

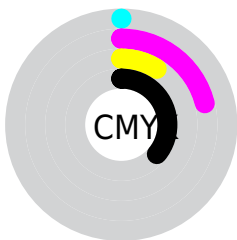
Distribution



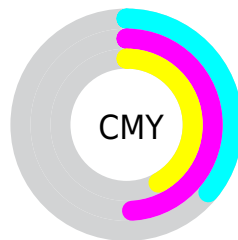
- Red (64%)
- Green (51%)
- Blue (58%)



- Red (64%)
- Yellow (51%)
- Blue (58%)



- Cyan (0%)
- Magenta (21%)
- Yellow (9%)
- Black (36%)



- Cyan (36%)
- Magenta (49%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3793, 25.6570, 31.8903 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 28.3793, 25.6570, 31.8903 by changing the saturation by 10% instead.

■ 28.3793, 25.6570,
31.8903

■ 28.3793, 25.6570,
31.8903

286.3223,
281.0942, 325.0965

■ 18.7537, 16.5672,
21.0136

■ 56.4939, 52.7211,
63.7350

■ 11.5954, 9.9264,
12.9426

■ 75.7135, 71.4642,
85.5400

■ 6.5390, 5.3502,
7.2588

■ 98.8619, 94.1938,
111.8250

■ 3.2193, 2.4542,
3.5436

126.3044,
121.2944, 143.0083

■ 1.2708, 0.8535,
1.3784

158.4063,
153.1504, 179.5086

■ 0.1612, 0.0000,
0.1248

195.5330,

■ 0.0000, 0.0000,

190.1461, 221.7444

0.0000

238.0499,
232.6659, 270.1342

■ 28.3793, 25.6570,
31.8903

■ 28.3793, 25.6570,
31.8903

■ 25.8807, 21.4926,
28.4893

■ 31.2528, 30.5211,
35.5693

■ 23.7381, 17.9918,
25.3566

■ 34.5146, 36.1118,
39.5322

■ 21.9340, 15.1205,
22.4839

■ 38.1801, 42.4591,
43.7871

■ 20.4490, 12.8402,
19.8622

■ 42.2633, 49.5898,
48.3409

■ 19.2610, 11.1081,
17.4813

■ 46.7775, 57.5299,
53.2004

■ 18.3453, 9.8755,
15.3302

■ 51.7352, 66.3039,
58.3719

■ 17.6728, 9.0851,
13.3963

■ 57.1486, 75.9353,
63.8619

■ 17.2100, 8.6288,
11.7951

■ 61.6081, 83.6041,
69.2025

■ 62.4241, 83.9305,
73.4995

Harmonies

Analogous

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



27.1063, 25.6570, 37.5778



28.3793, 25.6570, 31.8903



28.5477, 25.6570, 25.8341

Triad

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



28.3793, 25.6570, 31.8903



23.6408, 25.6570, 18.0926



21.4709, 25.6570, 36.1476

Complementary

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



28.3793, 25.6570, 31.8903



27.1094, 32.8453, 30.8991

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.



20.6501, 25.6570, 30.1491



28.3793, 25.6570, 31.8903



21.8545, 25.6570, 20.1032

Square

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



28.3793, 25.6570, 31.8903



25.7304, 25.6570, 18.4203



20.7864, 25.6570, 24.3231



23.0897, 25.6570, 40.2679

Rectangle

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



28.3793, 25.6570, 31.8903



28.0009, 25.6570, 22.4494



20.7864, 25.6570, 24.3231



21.0968, 25.6570, 34.2510

Sweetspot

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



28.3800, 25.6581, 31.8908



58.6545, 59.2461, 67.0050



25.7207, 24.1502, 37.9564



13.0940, 13.1701, 14.9521



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.



28.3800, 25.6581, 31.8908



48.6827, 42.3628, 54.2464



27.1477, 25.1652, 25.4015



7.2403, 7.1526, 8.2519



13.3983, 6.7154, 9.2878



0.3042, 0.1502, 0.3146

Inverse Universe

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



28.3800, 25.6581, 31.8908



48.6827, 42.3628, 54.2464



28.4615, 33.3861, 38.0190



7.2403, 7.1526, 8.2519



13.3983, 6.7154, 9.2878



0.3042, 0.1502, 0.3146

Previews

White Background



This preview shows how the XYZ color 28.3793, 25.6570, 31.8903 looks on a white background.

Color Contrast Check

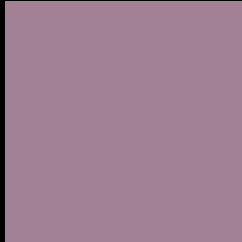
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3793, 25.6570, 31.8903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

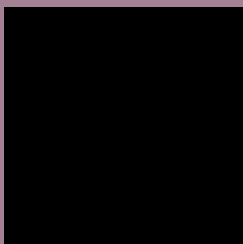
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.3793, 25.6570, 31.8903

Background



This preview shows how black text looks on a background with the XYZ color 28.3793, 25.6570, 31.8903.



This preview shows how white text looks on a background with the XYZ color 28.3793, 25.6570,

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

28.3793, 25.6570, 31.8903

Protanopia

25.3214, 25.8619, 34.6676

Deuteranopia

26.2220, 25.7620, 31.6075



Tritanopia

27.6906, 25.5697, 28.6753

Trichromacy



Original Color

28.3793, 25.6570, 31.8903

Protanomaly

26.2678, 25.7388, 33.7206

Deuteranomaly

26.8697, 25.6855, 31.5586

Tritanomaly

27.9170, 25.6603, 29.8671

Monochromacy



Original Color

28.3793, 25.6570, 31.8903

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.3741, 26.2945, 30.0708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3793, 25.6570, 31.8903 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(163, 129, 149)` looks like.

```
.text, #text, p{  
    color:rgb(163, 129, 149)  
}
```

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(163, 129, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 129, 149) }
```

Border

The CSS property to change the border of an element to XYZ 28.3793, 25.6570, 31.8903 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(163, 129, 149) }
```


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

```
.border{ border-color:rgb(163, 129, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 129, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 129, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 129, 149);  
box-shadow:4px 4px 4px 4px rgb(163, 129,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3793, 25.6570, 31.8903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 129, 149) }
```

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

```
.background{ background-color: rgb(163,  
129, 149) }
```

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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