

Converting Colors

XYZ(28.8405, 30.5602, 25.6799)

Have a look what the booklet for
XYZ(28.8405, 30.5602, 25.6799)
contains.

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Color

**XYZ(28.9077, 30.6195,
25.8593)**

Conversions

Conversions Part 1

Format	Color
Hex	9D9683
RGB	157, 150, 131
RGB Percent	62%, 59%, 51%
CMY	0.3843, 0.4117, 0.4863
CMYK	0.00, 0.04, 0.17, 0.38
HSL	44°, 12%, 56%
HSV	44°, 17%, 62%
XYZ	28.9077, 30.6195, 25.8593
YIQ	149.9270, 10.2710, -4.4250

Conversions

Conversions Part 2

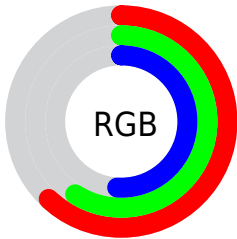
Format	Color
RYB	141, 157, 131
Decimal	10327683
CIELab	62.19, -0.76, 10.95
CIELCh	62, 10.972, 93.947
Yxy	30.6195, 0.3386, 0.3586
Android (android.graphics.Color)	4288517763 (0xFF9D9683)
YUV	149.9270, -9.3310, 6.2030
Hunter-Lab	55.3349, -3.5852, 11.0268

Details

The XYZ color **28.9077, 30.6195, 25.8593** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.5342, 25.4360, 35.5150**, and the grayscale version is **28.9944, 30.5044, 33.2193**.

A 20% lighter version of the original color is **57.3960, 60.6435, 54.0277**, and **11.9287, 12.5970, 9.7854** is the 20% darker color. If you saturate the color by 10%, you get **27.2615, 28.9027, 20.4526**, and if you desaturate by 10%, it is **30.7412, 32.4522, 32.1247**.

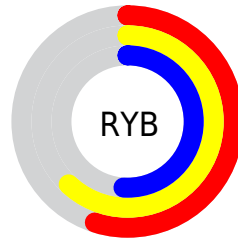
Distribution



Red (62%)

Green (59%)

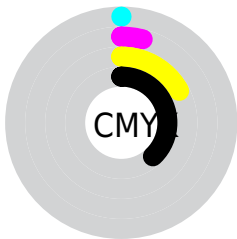
Blue (51%)



Red (55%)

Yellow (62%)

Blue (51%)

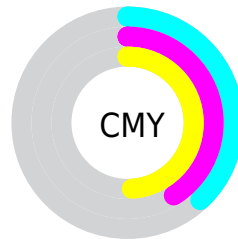


Cyan (0%)

Magenta (4%)

Yellow (17%)

Black (38%)



Cyan (38%)

Magenta (41%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9077, 30.6195, 25.8593 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 28.9077, 30.6195, 25.8593 by changing the saturation by 10% instead.

■ 28.9077, 30.6195,
25.8593

■ 28.9077, 30.6195,
25.8593

288.7813,
304.7815, 295.6742

■ 19.1549, 20.3093,
16.4936

■ 57.3290, 60.6405,
54.0292

■ 11.8870, 12.6201,
9.7160

■ 76.7282, 81.1201,
73.6704

■ 6.7384, 7.1674,
5.1079

■ 100.0736,
105.7583, 97.5739

■ 3.3439, 3.5670,
2.2509

127.7306,
134.9394, 126.1582

■ 1.3381, 1.4344,
0.7035

160.0645,
169.0479, 159.8418

■ 0.2115, 0.2419,
0.0000

197.4407,

■ 0.0000, 0.0000,

208.4681, 199.0434

0.0000

240.2245,
253.5845, 244.1813

■ 28.9077, 30.6195,
25.8593

■ 28.9077, 30.6195,
25.8593

■ 27.2615, 28.9027,
20.4526

■ 30.7412, 32.4522,
32.1247

■ 25.7925, 27.2942,
15.8645

■ 32.7664, 34.3999,
39.2826

■ 24.4936, 25.7918,
12.0546

■ 34.9910, 36.4670,
47.3675

■ 23.3561, 24.3917,
8.9781

■ 37.4211, 38.6563,
56.4112

■ 22.3703, 23.0895,
6.5860

■ 40.0627, 40.9708,
66.4443

■ 21.5255, 21.8805,
4.8228

■ 42.9216, 43.4130,
77.4957

■ 20.8093, 20.7593,
3.6246

■ 46.0034, 45.9855,
89.5935

■ 20.2034, 19.7181,
2.8962

■ 49.0543, 48.5873,
101.4006

■ 20.0072, 19.3731,
2.6849

■ 49.9439, 50.3664,
101.6971

Harmonies

Analogous

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



30.3694, 30.6195, 26.5474



28.9077, 30.6195, 25.8593



27.5442, 30.6195, 27.0317

Triad

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



28.9077, 30.6195, 25.8593



26.8079, 30.6195, 38.0954



31.7321, 30.6195, 37.0444

Complementary

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



28.9077, 30.6195, 25.8593



24.5342, 25.4360, 35.5150

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.



30.7193, 30.6195, 40.5592



28.9077, 30.6195, 25.8593



27.8722, 30.6195, 41.2011

Square

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



28.9077, 30.6195, 25.8593



26.3581, 30.6195, 33.9029



29.2990, 30.6195, 42.1386



32.0319, 30.6195, 32.7822

Rectangle

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



28.9077, 30.6195, 25.8593



26.8647, 30.6195, 28.7739



29.2990, 30.6195, 42.1386



31.4621, 30.6195, 38.3640

Sweetspot

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



28.9085, 30.6209, 25.8600



55.5632, 58.6158, 59.3067



26.6353, 25.2467, 27.6538



12.1764, 12.8493, 12.8758



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



28.9085, 30.6209, 25.8600



50.6052, 53.6380, 42.4304



28.9846, 32.3673, 26.1930



7.0191, 7.4182, 7.0476



16.2810, 15.7976, 2.1911



0.3237, 0.3477, 0.0500

Inverse Universe

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



24.5342, 25.4360, 35.5150



41.2150, 42.5087, 63.1595



24.4590, 23.9548, 35.2331



6.4228, 6.7113, 8.3636



5.6496, 3.3908, 26.2640



0.1331, 0.1247, 0.4803

Previews

White Background



This preview shows how the XYZ color 28.9077, 30.6195, 25.8593 looks on a white background.

Color Contrast Check

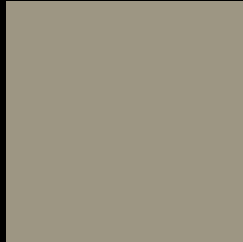
Large Text (above 18pt) WCAG AA × Fail

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 28.9077, 30.6195, 25.8593 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 ✓ Pass

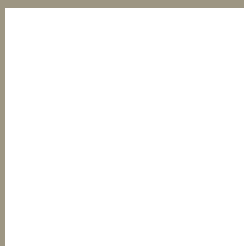
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.9077, 30.6195, 25.8593

Background



This preview shows how black text looks on a background with the XYZ color 28.9077, 30.6195, 25.8593.



This preview shows how white text looks on a background with the XYZ color 28.9077, 30.6195,

25.8593.

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

28.9077, 30.6195, 25.8593

Protanopia

28.9077, 30.6195, 25.8593

Deuteranopia

31.0848, 30.5747, 26.0929



Tritanopia

31.1484, 30.6035, 36.6131

Trichromacy



Original Color

28.9077, 30.6195, 25.8593

Protanomaly

28.9077, 30.6195, 25.8593

Deuteranomaly

30.3245, 30.6404, 26.1457

Tritanomaly

30.2762, 30.4791, 32.3043

Monochromacy



Original Color

28.9077, 30.6195, 25.8593

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.0011, 30.5682, 30.3583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9077, 30.6195, 25.8593 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(157, 150, 131)` looks like.

```
.text, #text, p{  
    color:rgb(157, 150, 131)  
}
```

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(157, 150, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 150, 131) }
```

Border

The CSS property to change the border of an element to XYZ 28.9077, 30.6195, 25.8593 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(157, 150, 131) }
```


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

```
.border{ border-color:rgb(157, 150, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 150, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 150, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 150, 131);  
box-shadow:4px 4px 4px 4px rgb(157, 150,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9077, 30.6195, 25.8593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 150, 131) }
```

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

```
.background{ background-color: rgb(157,  
150, 131) }
```

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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