

Converting Colors

XYZ(29.6377, 25.1607, 30.9985)

Have a look what the booklet for
XYZ(29.6377, 25.1607, 30.9985)
contains.

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Color

**XYZ(29.5830, 25.1567,
30.9003)**

Conversions

Conversions Part 1

Format	Color
Hex	AD7B93
RGB	173, 123, 147
RGB Percent	68%, 48%, 58%
CMY	0.3216, 0.5176, 0.4235
CMYK	0.00, 0.29, 0.15, 0.32
HSL	331°, 23%, 58%
HSV	331°, 29%, 68%
XYZ	29.5830, 25.1567, 30.9003
YIQ	140.6860, 22.0960, 18.0640

Conversions

Conversions Part 2

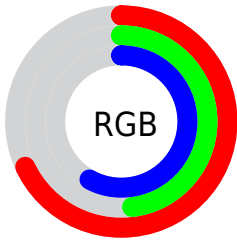
Format	Color
R _Y B	173, 123, 147
Decimal	11369363
CIE Lab	57.23, 23.21, -5.18
CIE LCh	57, 23.781, 347.428
Yxy	25.1567, 0.3454, 0.2937
Android (android.graphics.Color)	4289559443 (0xFFAD7B93)
YUV	140.6860, 3.1128, 28.3394
Hunter-Lab	50.1565, 17.5081, -1.4178

Details

The XYZ color **29.5830, 25.1567, 30.9003** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.5378, 36.2687, 33.9319**, and the grayscale version is **25.1773, 26.4885, 28.8459**.

A 20% lighter version of the original color is **58.3810, 51.9257, 62.2040**, and **12.3058, 9.7352, 12.2968** is the 20% darker color. If you saturate the color by 10%, you get **26.9451, 20.9666, 26.6732**, and if you desaturate by 10%, it is **32.6569, 30.1297, 35.5458**.

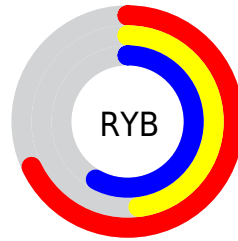
Distribution



Red (68%)

Green (48%)

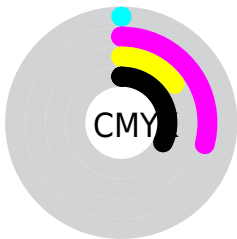
Blue (58%)



Red (68%)

Yellow (48%)

Blue (58%)

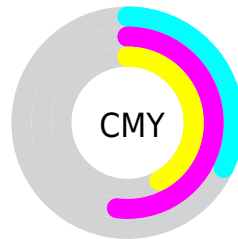


Cyan (0%)

Magenta (29%)

Yellow (15%)

Black (32%)



Cyan (32%)

Magenta (52%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5830, 25.1567, 30.9003 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 29.5830, 25.1567, 30.9003 by changing the saturation by 10% instead.

■ 29.5830, 25.1567,
30.9003

■ 29.5830, 25.1567,
30.9003

291.9007,
278.6174, 320.4157

■ 19.6688, 16.1938,
20.2651

■ 58.3933, 51.9113,
62.1608

■ 12.2614, 9.6614,
12.4019

■ 78.0200, 70.4719,
83.6232

■ 6.9954, 5.1751,
6.8922

■ 101.6150, 93.0004,
109.5318

■ 3.5055, 2.3503,
3.3173

129.5435,
119.8814, 140.3050

■ 1.4264, 0.8002,
1.2589

162.1710,
151.4992, 176.3615

■ 0.2749, 0.0000,
0.0277

199.8628,

■ 0.0000, 0.0000,

188.2382, 218.1197

0.0000

242.9843,
230.4828, 265.9983

■ 29.5830, 25.1567,
30.9003

■ 29.5830, 25.1567,
30.9003

■ 26.9451, 20.9666,
26.6732

■ 32.6569, 30.1297,
35.5458

■ 24.7197, 17.5154,
22.8495

■ 36.1842, 35.9196,
40.6205

■ 22.8844, 14.7603,
19.4157

■ 40.1842, 42.5626,
46.1371

■ 21.4138, 12.6524,
16.3566

■ 44.6742, 50.0918,
52.1069

■ 20.2791, 11.1364,
13.6557

■ 49.6708, 58.5382,
58.5409

■ 19.4468, 10.1477,
11.2946

■ 55.1897, 67.9317,
65.4496

■ 18.8556, 9.5661,
9.2452

■ 61.2459, 78.3006,
72.8433

■ 18.7964, 9.5094,
9.0355

■ 65.7765, 85.5174,
80.0394

■ 66.9932, 86.0041,
86.4467

Harmonies

Analogous

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



28.1156, 25.1567, 39.2534



29.5830, 25.1567, 30.9003



29.4466, 25.1567, 23.0121

Triad

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



29.5830, 25.1567, 30.9003



22.3282, 25.1567, 15.1188



20.4377, 25.1567, 40.4441

Complementary

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



29.5830, 25.1567, 30.9003



28.5378, 36.2687, 33.9319

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.



19.1161, 25.1567, 32.2937



29.5830, 25.1567, 30.9003



20.1474, 25.1567, 18.1979

Square

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



29.5830, 25.1567, 30.9003



25.1064, 25.1567, 14.8915



19.0142, 25.1567, 24.1587



22.7535, 25.1567, 45.4458

Rectangle

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



29.5830, 25.1567, 30.9003



28.4644, 25.1567, 19.0201



19.0142, 25.1567, 24.1587



19.8706, 25.1567, 37.9164

Sweetspot

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



29.5837, 25.1578, 30.9008



64.6305, 64.0439, 72.5050



26.9908, 23.5582, 42.6602



13.8413, 13.5811, 15.4681



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.



29.5837, 25.1578, 30.9008



49.7272, 39.8680, 50.1785



27.9964, 24.6890, 22.0301



8.1593, 8.0770, 9.1498



13.8373, 6.9974, 6.7884



0.4127, 0.2058, 0.3350

Inverse Universe

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



29.5837, 25.1578, 30.9008



49.7272, 39.8680, 50.1785



30.4963, 36.7972, 45.0308



8.1593, 8.0770, 9.1498



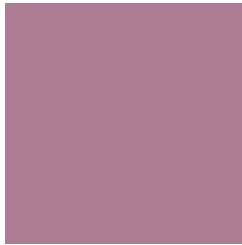
13.8373, 6.9974, 6.7884



0.4127, 0.2058, 0.3350

Previews

White Background



This preview shows how the XYZ color 29.5830, 25.1567, 30.9003 looks on a white background.

Color Contrast Check

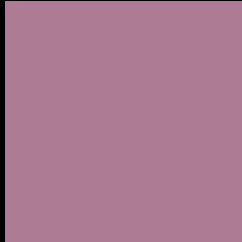
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5830, 25.1567, 30.9003 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 29.5830, 25.1567, 30.9003

Background



This preview shows how black text looks on a background with the XYZ color 29.5830, 25.1567, 30.9003.



This preview shows how white text looks on a background with the XYZ color 29.5830, 25.1567,

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

29.5830, 25.1567, 30.9003

Protanopia

24.9381, 25.4425, 35.0490

Deuteranopia

25.8487, 25.3904, 30.3265



Tritanopia

28.7200, 25.1872, 26.2696

Trichromacy



Original Color

29.5830, 25.1567, 30.9003

Protanomaly

26.3955, 25.1920, 33.6083

Deuteranomaly

27.0756, 25.2087, 30.6329

Tritanomaly

28.8811, 25.0500, 27.7390

Monochromacy



Original Color

29.5830, 25.1567, 30.9003

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.6199, 25.8057, 29.5646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5830, 25.1567, 30.9003 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(173, 123, 147)` looks like.

```
.text, #text, p{  
    color:rgb(173, 123, 147)  
}
```

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(173, 123, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 123, 147) }
```

Border

The CSS property to change the border of an element to XYZ 29.5830, 25.1567, 30.9003 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(173, 123, 147) }
```


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

```
.border{ border-color:rgb(173, 123, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 123, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 123, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 123, 147);  
box-shadow:4px 4px 4px 4px rgb(173, 123,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5830, 25.1567, 30.9003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 123, 147) }
```

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

```
.background{ background-color: rgb(173,  
123, 147) }
```

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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