

Converting Colors

XYZ(29.0584, 25.8027, 23.6827)

Have a look what the booklet for
XYZ(29.0584, 25.8027, 23.6827)
contains.

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Color

**XYZ(29.0993, 25.8250,
23.5297)**

Conversions

Conversions Part 1

Format	Color
Hex	AF7F7F
RGB	175, 127, 127
RGB Percent	69%, 50%, 50%
CMY	0.3137, 0.5019, 0.5020
CMYK	0.00, 0.27, 0.27, 0.31
HSL	0°, 23%, 59%
HSV	0°, 27%, 69%
XYZ	29.0993, 25.8250, 23.5297
YIQ	141.3520, 28.6080, 10.1760

Conversions

Conversions Part 2

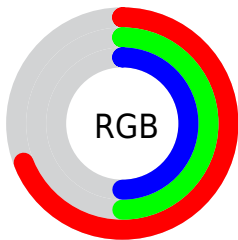
Format	Color
R_{YB}	175, 127, 127
Decimal	11501439
CIE _{Lab}	57.87, 18.58, 7.34
CIE _{LCh}	58, 19.982, 21.565
Yxy	25.8250, 0.3709, 0.3292
Android (android.graphics.Color)	4289691519 (0xFFAF7F7F)
YUV	141.3520, -7.0755, 29.5093
Hunter-Lab	50.8183, 13.2797, 8.1206

Details

The XYZ color **29.0993, 25.8250, 23.5297** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.8197, 38.2658, 46.2665**, and the grayscale version is **25.4753, 26.8020, 29.1873**.

A 20% lighter version of the original color is **57.5145, 52.9267, 50.3646**, and **11.9847, 10.0638, 8.5186** is the 20% darker color. If you saturate the color by 10%, you get **25.9893, 21.2744, 17.3464**, and if you desaturate by 10%, it is **32.8013, 31.2422, 30.8883**.

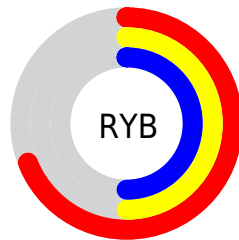
Distribution



Red (69%)

Green (50%)

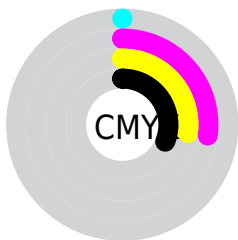
Blue (50%)



Red (69%)

Yellow (50%)

Blue (50%)

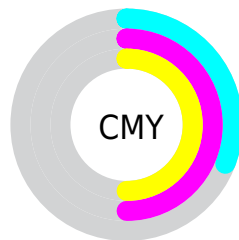


Cyan (0%)

Magenta (27%)

Yellow (27%)

Black (31%)



Cyan (31%)


Magenta (50%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.0993, 25.8250, 23.5297 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 29.0993, 25.8250, 23.5297 by changing the saturation by 10% instead.


 29.0993, 25.8250,
23.5297


 29.0993, 25.8250,
23.5297


289.6690,
281.9220, 283.6437


 19.3006, 16.6928,
14.7762


 57.6313, 52.9925,
50.1958

 11.9930, 10.0157,
8.5176


 77.0953, 71.7965,
68.9455

 6.8111, 5.4094,
4.3354


 100.5118, 94.5933,
91.8642

 3.3895, 2.4894,
1.8111

128.2461,
121.7672, 119.3706

 1.3629, 0.8713,
0.4352

160.6636,
153.7026, 151.8833

 0.2296, 0.0000,
0.0000

198.1297,

 0.0000, 0.0000,

190.7840, 189.8206

0.0000

241.0097,
233.3956, 233.6012

■ 29.0993, 25.8250,
23.5297

■ 29.0993, 25.8250,
23.5297

■ 25.9893, 21.2744,
17.3464

■ 32.8013, 31.2422,
30.8883

■ 23.4388, 17.5422,
12.2761

■ 37.1216, 37.5640,
39.4769

■ 21.4151, 14.5809,
8.2531

■ 42.0873, 44.8302,
49.3488

■ 19.8814, 12.3366,
5.2044

■ 47.7235, 53.0775,
60.5536

■ 18.7962, 10.7486,
3.0473

■ 54.0537, 62.3403,
73.1383

■ 18.1112, 9.7462,
1.6857

■ 61.1006, 72.6516,
87.1475

■ 17.7529, 9.2218,
0.9736

■ 68.8854, 84.0429,
102.6241

■ 17.6794, 9.1143,
0.8274

■ 71.4892, 87.8540,
107.7974

Harmonies

Analogous

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



29.4067, 25.8250, 30.1055



29.0993, 25.8250, 23.5297



27.5321, 25.8250, 18.9740

Triad

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



29.0993, 25.8250, 23.5297



21.1011, 25.8250, 20.6682



23.8742, 25.8250, 43.3474

Complementary

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



29.0993, 25.8250, 23.5297



31.8197, 38.2658, 46.2665

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.



21.7838, 25.8250, 39.8121



29.0993, 25.8250, 23.5297



20.2526, 25.8250, 26.2220

Square

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



29.0993, 25.8250, 23.5297



22.8862, 25.8250, 17.5193



20.4941, 25.8250, 33.2694



26.2839, 25.8250, 42.3106

Rectangle

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



29.0993, 25.8250, 23.5297



26.0364, 25.8250, 17.3395



20.4941, 25.8250, 33.2694



23.1133, 25.8250, 42.6360

Sweetspot

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



29.1000, 25.8262, 23.5302



65.8962, 66.4166, 69.5345



33.0066, 27.3881, 44.1043



14.3771, 14.3682, 14.9200



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



29.1000, 25.8262, 23.5302



48.5732, 41.0682, 35.0969



32.5767, 32.7797, 24.6891



8.0053, 8.0154, 8.3386



12.6608, 6.5270, 0.5925



0.3522, 0.1816, 0.0165

Inverse Universe

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



31.8197, 38.2658, 46.2665



54.2716, 67.1319, 82.7342



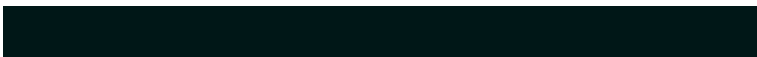
27.5571, 29.7406, 44.8456



8.2363, 9.0720, 10.2697



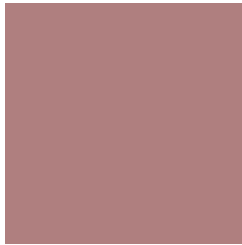
16.5179, 24.1696, 32.8391



0.4595, 0.6724, 0.9136

Previews

White Background



This preview shows how the XYZ color 29.0993, 25.8250, 23.5297 looks on a white background.

Color Contrast Check

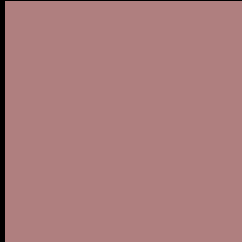
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0993, 25.8250, 23.5297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

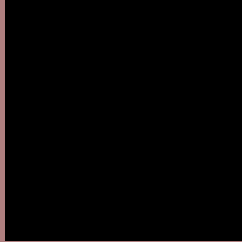
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.0993, 25.8250, 23.5297

Background



This preview shows how black text looks on a background with the XYZ color 29.0993, 25.8250, 23.5297.



This preview shows how white text looks on a background with the XYZ color 29.0993, 25.8250,

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

29.0993, 25.8250, 23.5297

Protanopia

24.7939, 25.9983, 25.9017

Deuteranopia

26.3915, 25.8257, 23.3325



Tritanopia

29.7385, 25.9011, 26.3537

Trichromacy



Original Color

29.0993, 25.8250, 23.5297

Protanomaly

26.2783, 25.9352, 25.0937

Deuteranomaly

27.1920, 25.6315, 23.2529

Tritanomaly

29.5302, 25.8178, 25.2567

Monochromacy



Original Color

29.0993, 25.8250, 23.5297

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.3850, 26.1582, 26.9510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0993, 25.8250, 23.5297 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(175, 127, 127)` looks like.

```
.text, #text, p{  
    color:rgb(175, 127, 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(175, 127, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 127, 127) }
```

Border

The CSS property to change the border of an element to XYZ 29.0993, 25.8250, 23.5297 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(175, 127, 127) }
```


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

```
.border{ border-color:rgb(175, 127, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 127, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 127, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 127, 127);  
box-shadow:4px 4px 4px 4px rgb(175, 127,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0993, 25.8250, 23.5297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 127, 127) }
```

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

```
.background{ background-color: rgb(175,  
127, 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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