

Converting Colors

XYZ(28.9146, 25.4844, 23.8916)

Have a look what the booklet for
XYZ(28.9146, 25.4844, 23.8916)
contains.

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Color

**XYZ(29.0363, 25.5942,
23.8319)**

Conversions

Conversions Part 1

Format	Color
Hex	AF7E80
RGB	175, 126, 128
RGB Percent	69%, 49%, 50%
CMY	0.3137, 0.5059, 0.4980
CMYK	0.00, 0.28, 0.27, 0.31
HSL	358°, 23%, 59%
HSV	358°, 28%, 69%
XYZ	29.0363, 25.5942, 23.8319
YIQ	140.8790, 28.5620, 11.0100

Conversions

Conversions Part 2

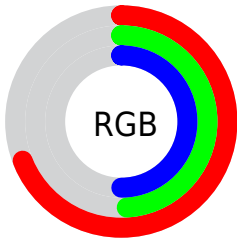
Format	Color
RYB	175, 126, 128
Decimal	11501184
CIELab	57.65, 19.29, 6.45
CIELCh	58, 20.342, 18.493
Yxy	25.5942, 0.3701, 0.3262
Android (android.graphics.Color)	4289691264 (0xFFAF7E80)
YUV	140.8790, -6.3493, 29.9241
Hunter-Lab	50.5907, 13.9155, 7.4836

Details

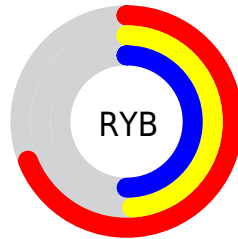
The XYZ color **29.0363, 25.5942, 23.8319** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.4780, 38.1132, 45.2345**, and the grayscale version is **25.2869, 26.6038, 28.9715**.

A 20% lighter version of the original color is **57.4156, 52.5653, 50.8361**, and **11.9503, 9.9372, 8.6854** is the 20% darker color. If you saturate the color by 10%, you get **25.9762, 21.0983, 17.8041**, and if you desaturate by 10%, it is **32.6721, 30.9485, 30.9541**.

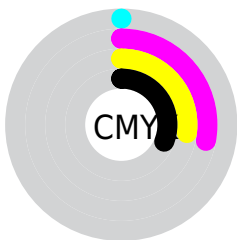
Distribution



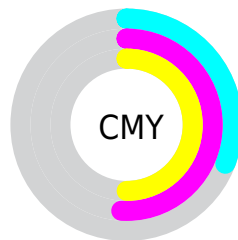
- Red (69%)
- Green (49%)
- Blue (50%)



- Red (69%)
- Yellow (49%)
- Blue (50%)



- Cyan (0%)
- Magenta (28%)
- Yellow (27%)
- Black (31%)




- Cyan (31%)
- Magenta (51%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0363, 25.5942, 23.8319 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 29.0363, 25.5942, 23.8319 by changing the saturation by 10% instead.


 29.0363, 25.5942,
23.8319


 29.0363, 25.5942,
23.8319

289.3773,
280.7843, 285.2287


 19.2527, 16.5203,
14.9979


 57.5319, 52.6196,
50.6961

 11.9581, 9.8931,
8.6713


 76.9746, 71.3398,
69.5635

 6.7872, 5.3281,
4.4336


 100.3678, 94.0443,
92.6123

 3.3745, 2.4410,
1.8661

128.0767,
121.1175, 120.2613

 1.3548, 0.8469,
0.4710

160.4668,
152.9436, 152.9289

 0.2236, 0.0000,
0.0000

197.9033,

 0.0000, 0.0000,

189.9072, 191.0336

0.0000

240.7517,
232.3927, 234.9940

■ 29.0363, 25.5942,
23.8319

■ 29.0363, 25.5942,
23.8319

■ 25.9762, 21.0983,
17.8041

■ 32.6721, 30.9485,
30.9541

■ 23.4603, 17.4128,
12.8150

■ 36.9087, 37.1989,
39.2194

■ 21.4573, 14.4905,
8.8063

■ 41.7725, 44.3849,
48.6757

■ 19.9319, 12.2781,
5.7136

■ 47.2873, 52.5428,
59.3675

■ 18.8444, 10.7150,
3.4644

■ 53.4761, 61.7070,
71.3370

■ 18.1485, 9.7309,
1.9757

■ 60.3606, 71.9101,
84.6246

■ 17.7747, 9.2130,
1.1429

■ 67.9613, 83.1832,
99.2687

■ 17.7183, 9.1296,
1.0331

■ 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.



29.2026, 25.5942, 30.6256



29.0363, 25.5942, 23.8319



27.5590, 25.5942, 18.9934

Triad

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



29.0363, 25.5942, 23.8319



20.9899, 25.5942, 19.9012



23.4055, 25.5942, 43.1589

Complementary

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



29.0363, 25.5942, 23.8319



31.4780, 38.1132, 45.2345

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.



21.3572, 25.5942, 39.1484



29.0363, 25.5942, 23.8319



20.0259, 25.5942, 25.2806

Square

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



29.0363, 25.5942, 23.8319



22.8732, 25.5942, 16.9986



20.1557, 25.5942, 32.3353



25.8402, 25.5942, 42.5960

Rectangle

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



29.0363, 25.5942, 23.8319



26.0815, 25.5942, 17.1724



20.1557, 25.5942, 32.3353



22.6521, 25.5942, 42.2771

Sweetspot

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



29.0370, 25.5954, 23.8324



65.9876, 66.4526, 70.0174



32.3336, 26.8511, 44.0360



14.4007, 14.3775, 15.0444



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.



29.0370, 25.5954, 23.8324



48.2792, 40.3652, 35.3538



32.0435, 31.8167, 24.1926



8.0180, 8.0204, 8.4055



12.6942, 6.5402, 0.7694



0.3573, 0.1836, 0.0435

Inverse Universe

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



29.0370, 25.5954, 23.8324



48.2792, 40.3652, 35.3538



27.7261, 30.2979, 44.9442



8.0180, 8.0204, 8.4055



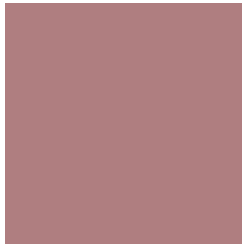
12.6942, 6.5402, 0.7694



0.3573, 0.1836, 0.0435

Previews

White Background



This preview shows how the XYZ color 29.0363, 25.5942, 23.8319 looks on a white background.

Color Contrast Check

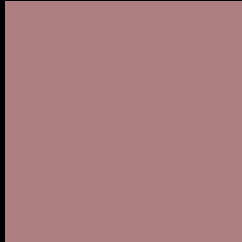
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0363, 25.5942, 23.8319 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 29.0363, 25.5942, 23.8319

Background



This preview shows how black text looks on a background with the XYZ color 29.0363, 25.5942, 23.8319.



This preview shows how white text looks on a background with the XYZ color 29.0363, 25.5942,

23.8319.

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

29.0363, 25.5942, 23.8319

Protanopia

24.6170, 25.6770, 26.5804

Deuteranopia

26.2605, 25.7506, 23.6650



Tritanopia

29.6113, 25.6466, 26.3113

Trichromacy



Original Color

29.0363, 25.5942, 23.8319

Protanomaly

26.0164, 25.5862, 25.3972

Deuteranomaly

27.2569, 25.6574, 23.5945

Tritanomaly

29.4030, 25.5633, 25.2143

Monochromacy



Original Color

29.0363, 25.5942, 23.8319

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 29.0363, 25.5942, 23.8319 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, 126, 128)` looks like.

```
.text, #text, p{  
    color:rgb(175, 126, 128)  
}
```

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, 126, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 126, 128) }
```

Border

The CSS property to change the border of an element to XYZ 29.0363, 25.5942, 23.8319 is called "border". The border property can be set on classes, ids or directly on the HTML element.

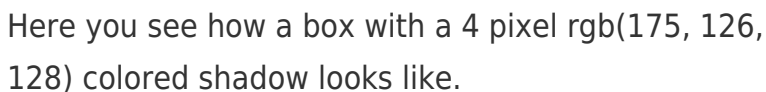
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 126, 128) }
```


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

```
.border{ border-color:rgb(175, 126, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 126, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 126, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 126, 128); box-shadow:4px 4px 4px 4px rgb(175, 126, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0363, 25.5942, 23.8319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 126, 128) }
```

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

```
.background{ background-color: rgb(175,  
126, 128) }
```

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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