

Converting Colors

XYZ(29.3155, 23.1104, 25.7778)

Have a look what the booklet for
XYZ(29.3155, 23.1104, 25.7778)
contains.

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Color

**XYZ(29.3490, 23.0632,
25.8265)**

Conversions

Conversions Part 1

Format	Color
Hex	B66F87
RGB	182, 111, 135
RGB Percent	71%, 44%, 53%
CMY	0.2863, 0.5647, 0.4706
CMYK	0.00, 0.39, 0.26, 0.29
HSL	340°, 33%, 57%
HSV	340°, 39%, 71%
XYZ	29.3490, 23.0632, 25.8265
YIQ	134.9650, 34.6120, 22.5160

Conversions

Conversions Part 2

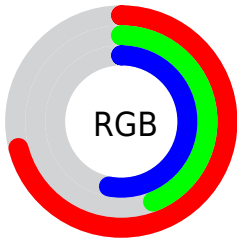
Format	Color
R_{YB}	182, 111, 135
Decimal	11956103
CIE _{Lab}	55.14, 31.33, -1.15
CIE _{LCh}	55, 31.347, 357.893
Yxy	23.0632, 0.3751, 0.2948
Android (android.graphics.Color)	4290146183 (0xFFB66F87)
YUV	134.9650, 0.0173, 41.2497
Hunter-Lab	48.0242, 25.0444, 1.7319

Details

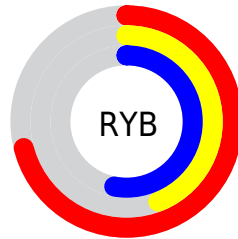
The XYZ color **29.3490, 23.0632, 25.8265** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.4560, 39.3046, 38.3836**, and the grayscale version is **23.0077, 24.2058, 26.3602**.

A 20% lighter version of the original color is **57.9492, 48.5325, 53.8904**, and **12.0608, 8.5054, 9.6004** is the 20% darker color. If you saturate the color by 10%, you get **26.7609, 19.1684, 21.0127**, and if you desaturate by 10%, it is **32.4390, 27.8077, 31.2818**.

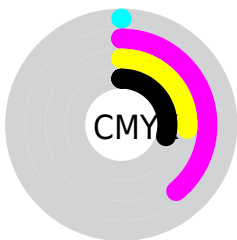
Distribution



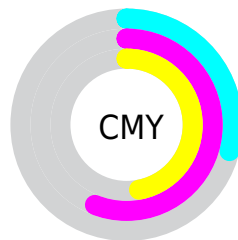
- Red (71%)
- Green (44%)
- Blue (53%)



- Red (71%)
- Yellow (44%)
- Blue (53%)



- Cyan (0%)
- Magenta (39%)
- Yellow (26%)
- Black (29%)





- Cyan (29%)
- Magenta (56%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.3490, 23.0632, 25.8265 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 29.3490, 23.0632, 25.8265 by changing the saturation by 10% instead.


 29.3490, 23.0632,
25.8265


 29.3490, 23.0632,
25.8265


290.8227,
268.0494, 295.5077


 19.4906, 14.6402,
16.4693


 58.0248, 48.4971,
53.9756


 12.1314, 8.5672,
9.6989


 77.5730, 66.2767,
73.6045

 6.9061, 4.4600,
5.0968


 101.0818, 87.9440,
97.4944

 3.4492, 1.9341,
2.2444

 128.9166,
113.8834, 126.0638

 1.3955, 0.5687,
0.6998

161.4427,
144.4793, 159.7313

 0.2530, 0.0000,
0.0000

199.0255,

 0.0000, 0.0000,

180.1159, 198.9155

0.0000

242.0304,
221.1779, 244.0347

■ 29.3490, 23.0632,
25.8265

■ 29.3490, 23.0632,
25.8265

■ 26.7609, 19.1684,
21.0127

■ 32.4390, 27.8077,
31.2818

■ 24.6448, 16.0694,
16.8140

■ 36.0547, 33.4452,
37.4007

■ 22.9705, 13.7109,
13.2040


■ 40.2206, 40.0199,
44.2060


■ 21.7036, 12.0294,
10.1535


■ 44.9590, 47.5720,
51.7189


■ 20.8034, 10.9503,
7.6305


■ 50.2910, 56.1396,
59.9595


 20.2002, 10.3399,
5.5914

 56.2367, 65.7584,
68.9474

 20.1477, 10.2876,
5.4118

 62.8150, 76.4626,
78.7010

 69.5303, 87.2566,
89.0671

 71.2953, 87.9626,
98.3615

Harmonies

Analogous

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



28.1229, 23.0632, 36.7985



29.3490, 23.0632, 25.8265



28.4158, 23.0632, 17.1385

Triad

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



29.3490, 23.0632, 25.8265



18.9238, 23.0632, 11.6492



18.5383, 23.0632, 45.2066

Complementary

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



29.3490, 23.0632, 25.8265



29.4560, 39.3046, 38.3836

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.



16.4997, 23.0632, 35.2392



29.3490, 23.0632, 25.8265



16.7051, 23.0632, 16.2055

Square

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



29.3490, 23.0632, 25.8265



22.1690, 23.0632, 10.3668



15.8655, 23.0632, 24.4106



21.6746, 23.0632, 49.6854

Rectangle

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



29.3490, 23.0632, 25.8265



26.7448, 23.0632, 13.3648



15.8655, 23.0632, 24.4106



17.7150, 23.0632, 42.2759

Sweetspot

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



29.3496, 23.0643, 25.8270



70.3957, 68.5585, 76.0659



28.0627, 21.9307, 47.0101



15.3287, 14.7956, 16.4433



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



29.3496, 23.0643, 25.8270



49.0398, 35.5301, 39.0943



29.0781, 24.9272, 18.3191



9.1265, 9.0610, 10.0136



14.2562, 7.2763, 3.9702



0.5322, 0.2684, 0.2960

Inverse Universe

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



29.3496, 23.0643, 25.8270



49.0398, 35.5301, 39.0943



29.6289, 36.0158, 49.6462



9.1265, 9.0610, 10.0136



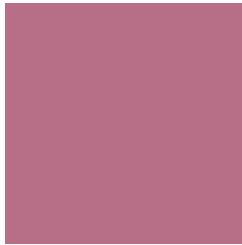
14.2562, 7.2763, 3.9702



0.5322, 0.2684, 0.2960

Previews

White Background



This preview shows how the XYZ color 29.3490, 23.0632, 25.8265 looks on a white background.

Color Contrast Check

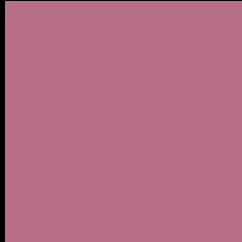
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3490, 23.0632, 25.8265 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 29.3490, 23.0632, 25.8265

Background



This preview shows how black text looks on a background with the XYZ color 29.3490, 23.0632, 25.8265.



This preview shows how white text looks on a background with the XYZ color 29.3490, 23.0632,

25.8265.

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

29.3490, 23.0632, 25.8265

Protanopia

22.5887, 23.0850, 30.8691

Deuteranopia

23.5611, 23.1240, 25.0514



Tritanopia

28.4740, 23.0392, 21.3586

Trichromacy



Original Color

29.3490, 23.0632, 25.8265

Protanomaly

24.5600, 22.7880, 29.0907

Deuteranomaly

25.2937, 22.8816, 25.2738

Tritanomaly

28.6810, 22.9444, 22.9957

Monochromacy



Original Color

29.3490, 23.0632, 25.8265

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

24.7829, 23.3464, 26.1218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3490, 23.0632, 25.8265 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(182, 111, 135)` looks like.

```
.text, #text, p{  
    color:rgb(182, 111, 135)  
}
```

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(182, 111, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 111, 135) }
```

Border

The CSS property to change the border of an element to XYZ 29.3490, 23.0632, 25.8265 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(182, 111, 135) }
```


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

```
.border{ border-color:rgb(182, 111, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 111, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 111, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 111, 135);  
box-shadow:4px 4px 4px 4px rgb(182, 111,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3490, 23.0632, 25.8265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 111, 135) }
```

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

```
.background{ background-color: rgb(182,  
111, 135) }
```

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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