

Converting Colors

XYZ(30.0559, 23.8981, 26.2835)

Have a look what the booklet for
XYZ(30.0559, 23.8981, 26.2835)
contains.

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Color

**XYZ(29.9897, 23.8795,
26.3211)**

Conversions

Conversions Part 1

Format	Color
Hex	B77288
RGB	183, 114, 136
RGB Percent	72%, 45%, 53%
CMY	0.2824, 0.5529, 0.4667
CMYK	0.00, 0.38, 0.26, 0.28
HSL	341°, 32%, 58%
HSV	341°, 38%, 72%
XYZ	29.9897, 23.8795, 26.3211
YIQ	137.1390, 34.0620, 21.4700

Conversions

Conversions Part 2

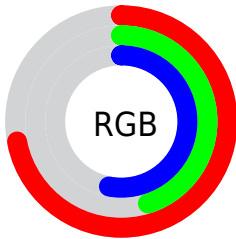
Format	Color
R_{YB}	183, 114, 136
Decimal	12022408
CIE _{Lab}	55.97, 30.19, -0.51
CIE _{LCh}	56, 30.195, 359.037
Yxy	23.8795, 0.3740, 0.2978
Android (android.graphics.Color)	4290212488 (0xFFB77288)
YUV	137.1390, -0.5615, 40.2201
Hunter-Lab	48.8667, 24.0297, 2.2712

Details

The XYZ color **29.9897, 23.8795, 26.3211** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.3070, 40.0182, 39.8472**, and the grayscale version is **23.8241, 25.0648, 27.2955**.

A 20% lighter version of the original color is **58.9392, 49.8368, 54.6571**, and **12.4152, 8.9279, 9.8730** is the 20% darker color. If you saturate the color by 10%, you get **27.2932, 19.8228, 21.3026**, and if you desaturate by 10%, it is **33.2035, 28.8056, 32.0211**.

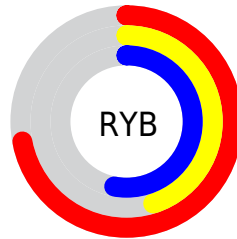
Distribution



Red (72%)

Green (45%)

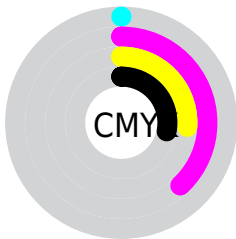
Blue (53%)



Red (72%)

Yellow (45%)

Blue (53%)

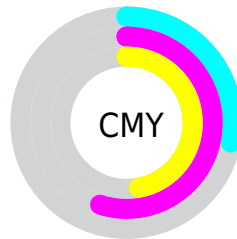


Cyan (0%)

Magenta (38%)

Yellow (26%)

Black (28%)



Cyan (28%)


Magenta (55%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.9897, 23.8795, 26.3211 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 29.9897, 23.8795, 26.3211 by changing the saturation by 10% instead.


 29.9897, 23.8795,
26.3211


 29.9897, 23.8795,
26.3211


293.7671,
272.2107, 298.0103

 19.9788, 15.2443,
16.8361


 59.0326, 49.8335,
54.7829


 12.4878, 8.9910,
9.9570


 78.7954, 67.9210,
74.5968

 7.1514, 4.7353,
5.2652


 102.5394, 89.9281,
98.6908

 3.6041, 2.0928,
2.3422

 130.6302,
116.2392, 127.4834

 1.4807, 0.6606,
0.7547

163.4330,
147.2385, 161.3930

 0.3126, 0.0000,
0.0000

201.3132,

 0.0000, 0.0000,

183.3107, 200.8384

0.0000

244.6361,
224.8399, 246.2380

■ 29.9897, 23.8795,
26.3211

■ 29.9897, 23.8795,
26.3211

■ 27.2932, 19.8228,
21.3026

■ 33.2035, 28.8056,
32.0211

■ 25.0838, 16.5811,
16.9372

■ 36.9587, 34.6444,
38.4262

■ 23.3311, 14.0993,
13.1968


■ 41.2803, 41.4405,
45.5608


■ 22.0000, 12.3138,
10.0503


■ 46.1909, 49.2344,
53.4476

■ 21.0501, 11.1506,
7.4634


■ 51.7121, 58.0645,
62.1082


 20.4220, 10.4977,
5.3938

 57.8642, 67.9669,
71.5635

 20.3009, 10.3763,
4.9814

 64.6666, 78.9761,
81.8333

 70.3894, 87.6277,
92.3541

 72.2620, 88.3767,
102.2149

Harmonies

Analogous

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



28.8678, 23.8795, 37.0405



29.9897, 23.8795, 26.3211



28.9988, 23.8795, 17.8328

Triad

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



29.9897, 23.8795, 26.3211



19.6293, 23.8795, 12.6852



19.4547, 23.8795, 45.9106

Complementary

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



29.9897, 23.8795, 26.3211



30.3070, 40.0182, 39.8472

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.



17.3810, 23.8795, 36.3451



29.9897, 23.8795, 26.3211



17.4745, 23.8795, 17.4064

Square

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



29.9897, 23.8795, 26.3211



22.8083, 23.8795, 11.2648



16.6938, 23.8795, 25.6829



22.5855, 23.8795, 49.9726

Rectangle

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



29.9897, 23.8795, 26.3211



27.3251, 23.8795, 14.1395



16.6938, 23.8795, 25.6829



18.6230, 23.8795, 43.1300

Sweetspot

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



29.9904, 23.8806, 26.3216



71.1215, 69.7850, 77.0017



29.0627, 22.9284, 47.6938



15.4755, 15.0466, 16.6235



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.



29.9904, 23.8806, 26.3216



49.7574, 36.8077, 39.8195



29.9637, 26.0775, 19.3752



9.1194, 9.0581, 9.9764



14.1903, 7.2499, 3.6228



0.5292, 0.2672, 0.2805

Inverse Universe

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



29.9904, 23.8806, 26.3216



49.7574, 36.8077, 39.8195



30.1451, 36.3121, 50.2201



9.1194, 9.0581, 9.9764



14.1903, 7.2499, 3.6228



0.5292, 0.2672, 0.2805

Previews

White Background



This preview shows how the XYZ color 29.9897, 23.8795, 26.3211 looks on a white background.

Color Contrast Check

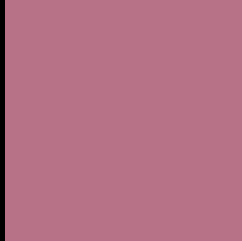
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9897, 23.8795, 26.3211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

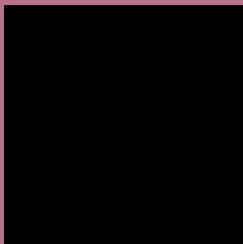
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.9897, 23.8795, 26.3211

Background



This preview shows how black text looks on a background with the XYZ color 29.9897, 23.8795, 26.3211.



This preview shows how white text looks on a background with the XYZ color 29.9897, 23.8795,

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

29.9897, 23.8795, 26.3211

Protanopia

23.5433, 24.1749, 31.4423

Deuteranopia

24.4290, 23.9546, 25.5265



Tritanopia

29.2385, 23.9165, 22.4774

Trichromacy



Original Color

29.9897, 23.8795, 26.3211

Protanomaly

25.3859, 23.7717, 29.6360

Deuteranomaly

26.2087, 23.7136, 25.7501

Tritanomaly

29.3846, 23.7915, 23.8124

Monochromacy



Original Color

29.9897, 23.8795, 26.3211

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.6920, 24.3767, 27.0180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9897, 23.8795, 26.3211 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(183, 114, 136)` looks like.

```
.text, #text, p{  
    color:rgb(183, 114, 136)  
}
```

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(183, 114, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 114, 136) }
```

Border

The CSS property to change the border of an element to XYZ 29.9897, 23.8795, 26.3211 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(183, 114, 136) }
```


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

```
.border{ border-color:rgb(183, 114, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 114, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 114, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 114, 136);  
box-shadow:4px 4px 4px 4px rgb(183, 114,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9897, 23.8795, 26.3211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 114, 136) }
```

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

```
.background{ background-color: rgb(183,  
114, 136) }
```

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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