

Converting Colors

XYZ(30.0885, 28.9473, 42.9496)

Have a look what the booklet for
XYZ(30.0885, 28.9473, 42.9496)
contains.

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Color

**XYZ(30.0683, 29.0000,
43.0425)**

Conversions

Conversions Part 1

Format	Color
Hex	988EAC
RGB	152, 142, 172
RGB Percent	60%, 56%, 67%
CMY	0.4039, 0.4431, 0.3255
CMYK	0.12, 0.17, 0.00, 0.33
HSL	260°, 15%, 62%
HSV	260°, 17%, 67%
XYZ	30.0683, 29.0000, 43.0425
YIQ	148.4100, -3.6700, 11.4500

Conversions

Conversions Part 2

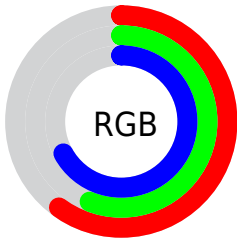
Format	Color
RYB	152, 142, 172
Decimal	9997996
CIELab	60.78, 9.74, -14.40
CIElCh	61, 17.383, 304.060
Yxy	29.0000, 0.2945, 0.2840
Android (android.graphics.Color)	4288188076 (0xFF988EAC)
YUV	148.4100, 11.6299, 3.1484
Hunter-Lab	53.8516, 5.4259, -9.6931

Details

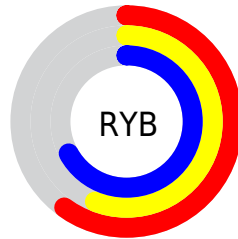
The XYZ color **30.0683, 29.0000, 43.0425** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **34.5364, 39.1402, 31.3272**, and the grayscale version is **28.2743, 29.7468, 32.3942**.

A 20% lighter version of the original color is **59.0587, 58.1477, 80.7840**, and **12.5841, 11.7771, 19.3792** is the 20% darker color. If you saturate the color by 10%, you get **25.6607, 23.2181, 42.1592**, and if you desaturate by 10%, it is **35.0801, 35.6811, 44.0684**.

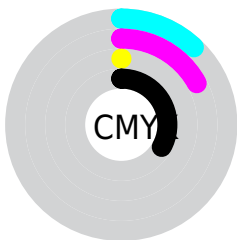
Distribution



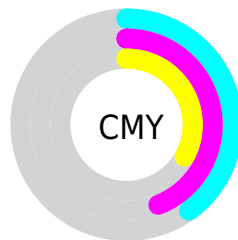
- Red (60%)
- Green (56%)
- Blue (67%)



- Red (60%)
- Yellow (56%)
- Blue (67%)



- Cyan (12%)
- Magenta (17%)
- Yellow (0%)
- Black (33%)



- Cyan (40%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0683, 29.0000, 43.0425 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 30.0683, 29.0000, 43.0425 by changing the saturation by 10% instead.

■ 30.0683, 29.0000,
43.0425

■ 30.0683, 29.0000,
43.0425

294.1268,
297.2150, 374.7129

■ 20.0388, 19.0808,
29.5868

■ 59.1561, 58.0771,
81.0620

■ 12.5317, 11.7287,
19.2758

■ 78.9450, 78.0038,
106.4630

■ 7.1816, 6.5592,
11.6909

■ 102.7178,
102.0351, 136.6827

■ 3.6233, 3.1880,
6.4136

130.8398,
130.5555, 172.1399

■ 1.4913, 1.2307,
3.0253

163.6763,
163.9492, 213.2529

■ 0.3199, 0.0865,
1.1076

201.5927,

■ 0.0000, 0.0000,

202.6008, 260.4404

0.0000

244.9545,
246.8946, 314.1209

■ 30.0683, 29.0000,
43.0425

■ 30.0683, 29.0000,
43.0425

■ 25.6607, 23.2181,
42.1592

■ 35.0801, 35.6811,
44.0684

■ 21.8307, 18.2926,
41.4104

■ 40.7160, 43.2944,
45.2409

■ 18.5537, 14.1827,
40.7898

■ 46.9982, 51.8758,
46.5661

■ 15.8019, 10.8427,
40.2902

■ 53.9468, 61.4580,
48.0495

■ 13.5453, 8.2222,
39.9033

■ 61.5814, 72.0724,
49.6958

■ 11.7502, 6.2647,
39.6201

■ 69.9205, 83.7487,
51.5101

■ 10.3782, 4.9047,
39.4299

■ 76.5740, 91.7002,
52.6942

■ 9.3736, 4.0430,
39.3165

■ 80.4249, 93.6854,
52.8744

■ 9.1525, 3.8581,
39.2925

■ 84.4465, 95.7586,
53.0626

Harmonies

Analogous

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



27.8722, 29.0000, 45.6795



30.0683, 29.0000, 43.0425



31.6566, 29.0000, 37.3357

Triad

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



30.0683, 29.0000, 43.0425



29.5075, 29.0000, 21.6595



23.4544, 29.0000, 32.4648

Complementary

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



30.0683, 29.0000, 43.0425



34.5364, 39.1402, 31.3272

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.



23.8396, 29.0000, 26.4415



30.0683, 29.0000, 43.0425



27.2573, 29.0000, 20.7229

Square

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



30.0683, 29.0000, 43.0425



31.3206, 29.0000, 25.1095



25.2021, 29.0000, 22.3516



24.1198, 29.0000, 39.0672

Rectangle

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



30.0683, 29.0000, 43.0425



32.1131, 29.0000, 32.8810



25.2021, 29.0000, 22.3516



23.4655, 29.0000, 30.3062

Sweetspot

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



30.0692, 29.0012, 43.0431



65.9398, 67.8220, 80.4213



31.6113, 34.7475, 44.0710



14.1845, 14.5432, 17.4472



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.



30.0692, 29.0012, 43.0431



51.2733, 48.2921, 77.4247



32.9512, 30.4870, 43.1780



7.8210, 7.8821, 10.0619



6.8638, 2.8983, 29.2422



0.2499, 0.1110, 0.8162

Inverse Universe

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



33.2088, 30.7266, 38.3644



58.1121, 52.0530, 67.1075



31.7585, 37.7081, 31.1972



8.2219, 8.1020, 9.4791



14.9758, 7.4528, 12.7837



0.4406, 0.2169, 0.4819

Previews

White Background



This preview shows how the XYZ color 30.0683, 29.0000, 43.0425 looks on a white background.

Color Contrast Check

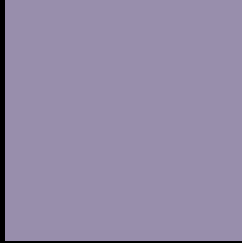
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0683, 29.0000, 43.0425 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 30.0683, 29.0000, 43.0425

Background



This preview shows how black text looks on a background with the XYZ color 30.0683, 29.0000, 43.0425.



This preview shows how white text looks on a background with the XYZ color 30.0683, 29.0000,

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

30.0683, 29.0000, 43.0425

Protanopia

28.7499, 28.9695, 44.1208

Deuteranopia

29.6633, 29.0130, 43.0664



Tritanopia

28.5206, 29.0407, 35.5547

Trichromacy



Original Color

30.0683, 29.0000, 43.0425

Protanomaly

29.1931, 28.9834, 43.5909

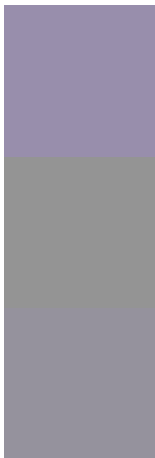
Deuteranomaly

29.8465, 29.1075, 43.0750

Tritanomaly

29.0725, 29.0392, 38.2553

Monochromacy



Original Color

30.0683, 29.0000, 43.0425

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.7591, 29.3817, 36.0537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0683, 29.0000, 43.0425 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(152, 142, 172)` looks like.

```
.text, #text, p{  
    color:rgb(152, 142, 172)  
}
```

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(152, 142, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 142, 172) }
```

Border

The CSS property to change the border of an element to XYZ 30.0683, 29.0000, 43.0425 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(152, 142, 172) }
```


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

```
.border{ border-color:rgb(152, 142, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 142, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 142, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 142, 172);  
box-shadow:4px 4px 4px 4px rgb(152, 142,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0683, 29.0000, 43.0425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 142, 172) }
```

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

```
.background{ background-color: rgb(152,  
142, 172) }
```

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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