

Converting Colors

XYZ(29.0275, 26.3362, 49.6649)

Have a look what the booklet for
XYZ(29.0275, 26.3362, 49.6649)
contains.

XYZ(28.9985, 26.3888, 49.4641)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.9985, 26.3888,
49.4641)**

Conversions

Conversions Part 1

Format	Color
Hex	9285B9
RGB	146, 133, 185
RGB Percent	57%, 52%, 73%
CMY	0.4274, 0.4784, 0.2745
CMYK	0.21, 0.28, 0.00, 0.27
HSL	255°, 27%, 62%
HSV	255°, 28%, 73%
XYZ	28.9985, 26.3888, 49.4641
YIQ	142.8150, -8.9440, 18.9280

Conversions

Conversions Part 2

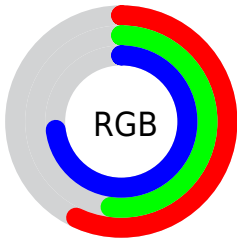
Format	Color
R_{YB}	146, 133, 185
Decimal	9602489
CIE _{Lab}	58.40, 15.89, -25.46
CIE _{LCh}	58, 30.017, 301.970
Yxy	26.3888, 0.2766, 0.2517
Android (android.graphics.Color)	4287792569 (0xFF9285B9)
YUV	142.8150, 20.7972, 2.7932
Hunter-Lab	51.3700, 10.8661, -21.1312

Details

The XYZ color **28.9985, 26.3888, 49.4641** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **38.5967, 45.1627, 28.8744**, and the grayscale version is **25.9577, 27.3095, 29.7400**.

A 20% lighter version of the original color is **57.5235, 53.8862, 90.5883**, and **11.8742, 10.2321, 23.1790** is the 20% darker color. If you saturate the color by 10%, you get **24.3668, 20.5670, 48.5849**, and if you desaturate by 10%, it is **34.3774, 33.2593, 50.5072**.

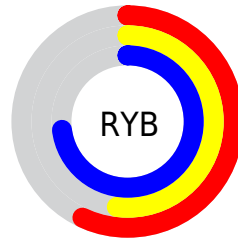
Distribution



Red (57%)

Green (52%)

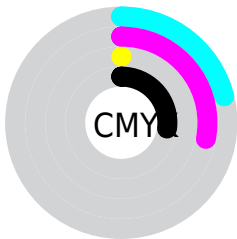
Blue (73%)



Red (57%)

Yellow (52%)

Blue (73%)

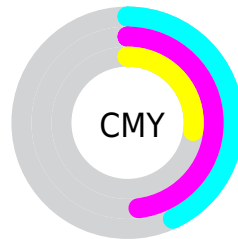


Cyan (21%)

Magenta (28%)

Yellow (0%)

Black (27%)



Cyan (43%)

Magenta (48%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9985, 26.3888, 49.4641 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 28.9985, 26.3888, 49.4641 by changing the saturation by 10% instead.

■ 28.9985, 26.3888,
49.4641

■ 28.9985, 26.3888,
49.4641

289.2022,
284.6855, 401.2414

■ 19.2240, 17.1147,
34.6196

■ 57.4723, 53.9015,
90.7685

■ 11.9372, 10.3163,
23.0888

■ 76.9022, 72.9089,
118.0654

■ 6.7728, 5.6092,
14.4532

■ 100.2814, 95.9296,
150.3502

■ 3.3655, 2.6089,
8.2942

127.9750,
123.3479, 188.0414

■ 1.3499, 0.9312,
4.1933

160.3486,
155.5483, 231.5576

■ 0.2201, 0.0000,
1.7320

197.7674,

■ 0.0000, 0.0000,

192.9151, 281.3173

0.3825

240.5968,
235.8327, 337.7391

■ 0.0000, 0.0000,
0.0000

■ 28.9985, 26.3888,
49.4641

■ 28.9985, 26.3888,
49.4641

■ 24.3668, 20.5670,
48.5849

■ 34.3774, 33.2593,
50.5072

■ 20.4456, 15.7383,
47.8596

■ 40.5328, 41.2237,
51.7200

■ 17.1989, 11.8468,
47.2796

■ 47.4954, 50.3288,
53.1105

■ 14.5865, 8.8299,
46.8349

■ 55.2935, 60.6174,
54.6854

■ 12.5633, 6.6167,
46.5144

■ 63.9541, 72.1303,
56.4512

■ 11.0780, 5.1253,
46.3048

■ 73.5029, 84.9061,
58.4139

■ 10.0556, 4.2287,
46.1856

■ 81.5237, 94.1004,
59.7658

■ 9.8950, 4.0894,
46.1672

■ 85.7570, 96.2828,
59.9639

Harmonies

Analogous

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



25.3247, 26.3888, 53.9716



28.9985, 26.3888, 49.4641



31.8260, 26.3888, 39.2915

Triad

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



28.9985, 26.3888, 49.4641



28.5390, 26.3888, 14.3533



18.6812, 26.3888, 29.4320

Complementary

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



28.9985, 26.3888, 49.4641



38.5967, 45.1627, 28.8744

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.



19.3647, 26.3888, 20.2587



28.9985, 26.3888, 49.4641



24.8404, 26.3888, 12.9218

Square

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



28.9985, 26.3888, 49.4641



31.5430, 26.3888, 19.3221



21.5346, 26.3888, 14.7943



19.5692, 26.3888, 40.7899

Rectangle

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



28.9985, 26.3888, 49.4641



32.7215, 26.3888, 31.6434



21.5346, 26.3888, 14.7943



18.7346, 26.3888, 26.0066

Sweetspot

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



28.9994, 26.3899, 49.4647



72.5651, 73.7940, 92.6237



33.3487, 38.3261, 51.5394



15.2675, 15.4196, 19.8932



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.



28.9994, 26.3899, 49.4647



46.4374, 40.3293, 87.5414



33.9689, 28.9518, 49.6973



8.7259, 8.8250, 11.3229



6.7951, 2.8142, 31.4381



0.2980, 0.1293, 1.1110

Inverse Universe

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



35.8423, 30.0689, 42.9455



60.9240, 48.1272, 73.3219



33.5921, 42.5827, 28.6402



9.2824, 9.1233, 10.8345



16.8146, 8.2996, 17.4421



0.6160, 0.3019, 0.7371

Previews

White Background



This preview shows how the XYZ color 28.9985, 26.3888, 49.4641 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 28.9985, 26.3888, 49.4641 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 28.9985, 26.3888, 49.4641

Background



This preview shows how black text looks on a background with the XYZ color 28.9985, 26.3888, 49.4641.



This preview shows how white text looks on a background with the XYZ color 28.9985, 26.3888,

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

28.9985, 26.3888, 49.4641

Protanopia

27.0221, 26.5750, 51.8494

Deuteranopia

27.1003, 26.4629, 49.0269



Tritanopia

25.7792, 26.5660, 33.0472

Trichromacy



Original Color

28.9985, 26.3888, 49.4641

Protanomaly

27.6956, 26.5087, 51.2339

Deuteranomaly

27.6092, 26.3033, 48.9693

Tritanomaly

26.7118, 26.2864, 38.3163

Monochromacy



Original Color

28.9985, 26.3888, 49.4641

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.9058, 26.8632, 36.1148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9985, 26.3888, 49.4641 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(146, 133, 185)` looks like.

```
.text, #text, p{  
    color:rgb(146, 133, 185)  
}
```

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(146, 133, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 133, 185) }
```

Border

The CSS property to change the border of an element to XYZ 28.9985, 26.3888, 49.4641 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(146, 133, 185) }
```


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

```
.border{ border-color:rgb(146, 133, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 133, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 133, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 133, 185);  
box-shadow:4px 4px 4px 4px rgb(146, 133,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9985, 26.3888, 49.4641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 133, 185) }
```

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

```
.background{ background-color: rgb(146,  
133, 185) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor