

Converting Colors

XYZ(28.1269, 18.4834, 29.6890)

Have a look what the booklet for
XYZ(28.1269, 18.4834, 29.6890)
contains.

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Color

**XYZ(28.1269, 18.4834,
29.6890)**

Conversions

Conversions Part 1

Format	Color
Hex	B85393
RGB	184, 83, 147
RGB Percent	72%, 33%, 58%
CMY	0.2784, 0.6745, 0.4235
CMYK	0.00, 0.55, 0.20, 0.28
HSL	322°, 42%, 52%
HSV	322°, 55%, 72%
XYZ	28.1269, 18.4834, 29.6890
YIQ	120.4950, 39.6520, 41.3160

Conversions

Conversions Part 2

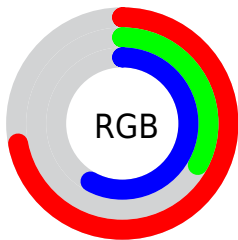
Format	Color
RYB	184, 83, 147
Decimal	12080019
CIELab	50.08, 48.38, -15.76
CIElCh	50, 50.882, 341.952
Yxy	18.4834, 0.3686, 0.2422
Android (android.graphics.Color)	4290270099 (0xFFB85393)
YUV	120.4950, 13.0670, 55.6939
Hunter-Lab	42.9923, 41.5436, -10.8490

Details

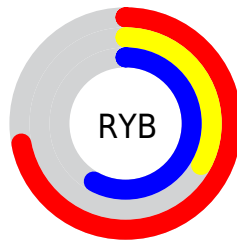
The XYZ color **28.1269, 18.4834, 29.6890** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **24.0988, 37.4767, 23.7345**, and the grayscale version is **17.9623, 18.8977, 20.5796**.

A 20% lighter version of the original color is **55.9647, 40.7026, 60.1651**, and **11.4287, 6.2642, 11.6731** is the 20% darker color. If you saturate the color by 10%, you get **26.3878, 15.8269, 26.5756**, and if you desaturate by 10%, it is **30.2717, 21.9011, 33.0909**.

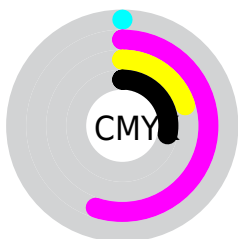
Distribution



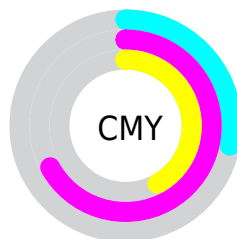
- Red (72%)
- Green (33%)
- Blue (58%)



- Red (72%)
- Yellow (33%)
- Blue (58%)



- Cyan (0%)
- Magenta (55%)
- Yellow (20%)
- Black (28%)





- Cyan (28%)
- Magenta (67%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1269, 18.4834, 29.6890 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 28.1269, 18.4834, 29.6890 by changing the saturation by 10% instead.

 28.1269, 18.4834,
29.6890


 28.1269, 18.4834,
29.6890


285.1419,
243.5818, 314.6142


 18.5623, 11.2976,
19.3526


 56.0942, 40.8593,
60.2252


 11.4566, 6.2674,
11.7460


 75.2276, 56.8182,
81.2621


 6.4443, 3.0083,
6.4505


 98.2813, 76.4703,
106.7028

 3.1603, 1.1361,
3.0477

 125.6207,
100.1999, 136.9660

 1.2391, 0.0086,
1.1191

 157.6111,
128.3915, 172.4702

 0.1369, 0.0000,
0.0000

194.6178,

 0.0000, 0.0000,

161.4294, 213.6340

0.0000

237.0063,
199.6980, 260.8758

■ 28.1269, 18.4834,
29.6890

■ 28.1269, 18.4834,
29.6890

■ 26.3878, 15.8269,
26.5756

■ 30.2717, 21.9011,
33.0909

■ 25.0219, 13.8683,
23.7367

■ 32.8478, 26.1315,
36.7920

■ 23.9943, 12.5382,
21.1583

■ 35.8810, 31.2246,
40.8034

■ 23.2618, 11.7516,
18.8233

■ 39.3941, 37.2256,
45.1351

■ 22.9542, 11.4652,
17.7072

■ 43.4086, 44.1765,
49.7967

■ 47.9445, 52.1168,
54.7971

■ 53.0208, 61.0836,
60.1450

■ 58.6555, 71.1122,
65.8485

■ 64.8657, 82.2360,
71.9155

Harmonies

Analogous

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



24.6439, 18.4834, 47.5785



28.1269, 18.4834, 29.6890



28.4831, 18.4834, 15.0417

Triad

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



28.1269, 18.4834, 29.6890



15.6893, 18.4834, 3.5925



11.4547, 18.4834, 44.0696

Complementary

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



28.1269, 18.4834, 29.6890



24.0988, 37.4767, 23.7345

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.



9.8726, 18.4834, 26.2419



28.1269, 18.4834, 29.6890



11.9954, 18.4834, 5.9946

Square

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



28.1269, 18.4834, 29.6890



20.6495, 18.4834, 3.8330



10.0502, 18.4834, 12.8736



14.8093, 18.4834, 58.1924

Rectangle

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



28.1269, 18.4834, 29.6890



26.8291, 18.4834, 8.9622



10.0502, 18.4834, 12.8736



10.7287, 18.4834, 38.0341

Sweetspot

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



28.1275, 18.4843, 29.6894



70.4807, 65.8803, 80.7011



19.2647, 13.5243, 46.9429



14.9042, 13.7052, 17.0457



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.



28.1275, 18.4843, 29.6894



47.2299, 27.7987, 46.9928



25.0729, 17.2625, 13.6040



9.2375, 9.1054, 10.5983



15.8547, 7.9156, 12.3876



0.5876, 0.2905, 0.5877

Inverse Universe

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



28.1275, 18.4843, 29.6894



47.2299, 27.7987, 46.9928



27.8558, 38.9795, 43.5186



9.2375, 9.1054, 10.5983



15.8547, 7.9156, 12.3876



0.5876, 0.2905, 0.5877

Previews

White Background



This preview shows how the XYZ color 28.1269, 18.4834, 29.6890 looks on a white background.

Color Contrast Check

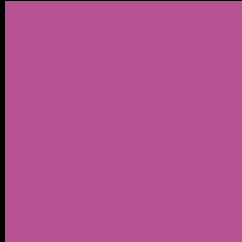
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1269, 18.4834, 29.6890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

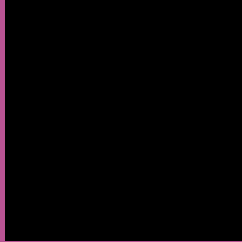
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.1269, 18.4834, 29.6890

Background



This preview shows how black text looks on a background with the XYZ color 28.1269, 18.4834, 29.6890.



This preview shows how white text looks on a background with the XYZ color 28.1269, 18.4834,

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

28.1269, 18.4834, 29.6890

Protanopia

19.5007, 18.7988, 42.1359

Deuteranopia

19.0542, 18.7106, 27.8065



Tritanopia

24.8050, 18.3325, 14.2878

Trichromacy



Original Color

28.1269, 18.4834, 29.6890

Protanomaly

21.2681, 17.6890, 37.4153

Deuteranomaly

21.5111, 18.0156, 28.3302

Tritanomaly

25.8393, 18.2529, 18.9909

Monochromacy



Original Color

28.1269, 18.4834, 29.6890

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

20.6147, 17.9667, 23.5005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1269, 18.4834, 29.6890 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(184, 83, 147)` looks like.

```
.text, #text, p{  
    color:rgb(184, 83, 147)  
}
```

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(184, 83, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 83, 147) }
```

Border

The CSS property to change the border of an element to XYZ 28.1269, 18.4834, 29.6890 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(184, 83, 147) }
```


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

```
.border{ border-color:rgb(184, 83, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 83, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 83, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 83, 147);  
box-shadow:4px 4px 4px 4px rgb(184, 83,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1269, 18.4834, 29.6890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 83, 147) }
```

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

```
.background{ background-color: rgb(184, 83,  
147) }
```

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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