

Converting Colors

XYZ(28.9151, 18.2496, 26.8692)

Have a look what the booklet for
XYZ(28.9151, 18.2496, 26.8692)
contains.

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Color

**XYZ(28.8734, 18.2776,
26.8171)**

Conversions

Conversions Part 1

Format	Color
Hex	BF4D8C
RGB	191, 77, 140
RGB Percent	75%, 30%, 55%
CMY	0.2510, 0.6980, 0.4510
CMYK	0.00, 0.60, 0.27, 0.25
HSL	327°, 47%, 53%
HSV	327°, 60%, 75%
XYZ	28.8734, 18.2776, 26.8171
YIQ	118.2680, 47.7210, 43.7610

Conversions

Conversions Part 2

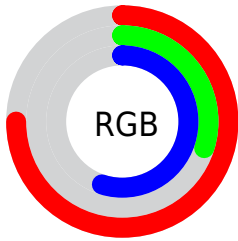
Format	Color
R_{YB}	191, 77, 140
Decimal	12537228
CIE _{Lab}	49.83, 52.36, -11.86
CIE _{LCh}	50, 53.689, 347.233
Yxy	18.2776, 0.3903, 0.2471
Android (android.graphics.Color)	4290727308 (0xFFBF4D8C)
YUV	118.2680, 10.7139, 63.7860
Hunter-Lab	42.7523, 45.7361, -7.2640

Details

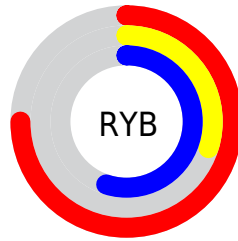
The XYZ color **28.8734, 18.2776, 26.8171** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **25.5887, 40.3985, 26.8732**, and the grayscale version is **17.2616, 18.1606, 19.7768**.

A 20% lighter version of the original color is **57.2782, 40.4516, 55.8280**, and **11.8478, 6.1482, 10.2351** is the 20% darker color. If you saturate the color by 10%, you get **27.1220, 15.7442, 23.2443**, and if you desaturate by 10%, it is **31.0672, 21.6170, 30.7791**.

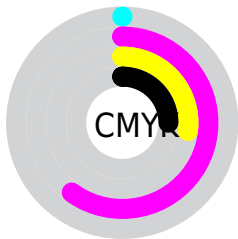
Distribution



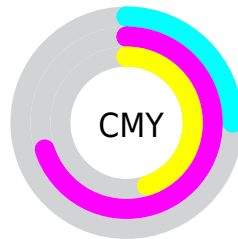
- Red (75%)
- Green (30%)
- Blue (55%)



- Red (75%)
- Yellow (30%)
- Blue (55%)



- Cyan (0%)
- Magenta (60%)
- Yellow (27%)
- Black (25%)





- Cyan (25%)
- Magenta (70%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.8734, 18.2776, 26.8171 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 28.8734, 18.2776, 26.8171 by changing the saturation by 10% instead.

 28.8734, 18.2776,
26.8171


 28.8734, 18.2776,
26.8171


288.6221,
242.4311, 300.5026


 19.1289, 11.1495,
17.2047


 57.2748, 40.5098,
55.5904


 11.8680, 6.1675,
10.2170


 76.6625, 56.3826,
75.5884


 6.7254, 2.9472,
5.4356


 99.9951, 75.9392,
99.8853

 3.3358, 1.1042,
2.4419

 127.6383, 99.5638,
128.8996

 1.3337, 0.0000,
0.8091

 159.9572,
127.6409, 163.0500

 0.2082, 0.0000,
0.0000

197.3172,

 0.0000, 0.0000,

160.5549, 202.7549

0.0000

240.0838,
198.6902, 248.4329

■ 28.8734, 18.2776,
26.8171

■ 28.8734, 18.2776,
26.8171

■ 27.1220, 15.7442,
23.2443

■ 31.0672, 21.6170,
30.7791

■ 25.7747, 13.9426,
20.0421

■ 33.7338, 25.8224,
35.1453

■ 24.7891, 12.7897,
17.1909

■ 36.9031, 30.9513,
39.9308

■ 24.0847, 12.1264,
14.6578

■ 40.6015, 37.0552,
45.1496

■ 24.0641, 12.1077,
14.5816

■ 44.8539, 44.1822,
50.8146

■ 49.6832, 52.3767,
56.9382

■ 55.1113, 61.6809,
63.5323

■ 61.1588, 72.1344,
70.6082

■ 67.8451, 83.7750,
78.1767

Harmonies

Analogous

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



25.6636, 18.2776, 45.8961



28.8734, 18.2776, 26.8171



28.5952, 18.2776, 12.6521

Triad

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



28.8734, 18.2776, 26.8171



14.6116, 18.2776, 3.2789



11.4999, 18.2776, 48.6667

Complementary

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



28.8734, 18.2776, 26.8171



25.5887, 40.3985, 26.8732

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.



9.5535, 18.2776, 29.4953



28.8734, 18.2776, 26.8171



11.0921, 18.2776, 6.2248

Square

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



28.8734, 18.2776, 26.8171



19.6438, 18.2776, 3.1106



9.4206, 18.2776, 14.2900



15.2830, 18.2776, 62.1046

Rectangle

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



28.8734, 18.2776, 26.8171



26.4656, 18.2776, 7.2376



9.4206, 18.2776, 14.2900



10.6445, 18.2776, 42.3461

Sweetspot

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



28.8739, 18.2785, 26.8174



73.7211, 68.0379, 82.2323



20.7222, 13.5366, 50.8111



15.7286, 14.1755, 17.4273



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



28.8739, 18.2785, 26.8174



47.6628, 26.9409, 39.5744



25.7644, 17.0347, 10.4426



9.7448, 9.6222, 11.0453



15.8556, 7.9734, 9.7991



0.6536, 0.3253, 0.5550

Inverse Universe

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



28.8739, 18.2785, 26.8174



47.6628, 26.9409, 39.5744



30.2810, 42.2754, 51.5828



9.7448, 9.6222, 11.0453



15.8556, 7.9734, 9.7991



0.6536, 0.3253, 0.5550

Previews

White Background



This preview shows how the XYZ color 28.8734, 18.2776, 26.8171 looks on a white 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

Black Background



This preview shows how the XYZ color 28.8734, 18.2776, 26.8171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

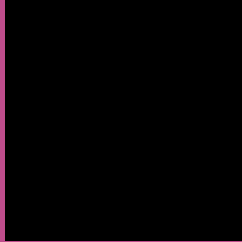
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.8734, 18.2776, 26.8171

Background



This preview shows how black text looks on a background with the XYZ color 28.8734, 18.2776, 26.8171.



This preview shows how white text looks on a background with the XYZ color 28.8734, 18.2776,

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

28.8734, 18.2776, 26.8171

Protanopia

19.1162, 18.4707, 40.0938

Deuteranopia

18.8606, 18.4971, 25.1305



Tritanopia

26.0036, 18.3524, 12.7615

Trichromacy



Original Color

28.8734, 18.2776, 26.8171

Protanomaly

20.9146, 17.1223, 34.5504

Deuteranomaly

21.4080, 17.5762, 25.5568

Tritanomaly

26.7786, 18.1797, 17.1366

Monochromacy



Original Color

28.8734, 18.2776, 26.8171

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

20.2932, 17.2266, 21.9942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8734, 18.2776, 26.8171 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(191, 77, 140)` looks like.

```
.text, #text, p{  
    color:rgb(191, 77, 140)  
}
```

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(191, 77, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 77, 140) }
```

Border

The CSS property to change the border of an element to XYZ 28.8734, 18.2776, 26.8171 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(191, 77, 140) }
```


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

```
.border{ border-color:rgb(191, 77, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 77, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 77, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 77, 140);  
box-shadow:4px 4px 4px 4px rgb(191, 77,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8734, 18.2776, 26.8171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 77, 140) }
```

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

```
.background{ background-color: rgb(191, 77,  
140) }
```

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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