

Converting Colors

XYZ(27.7444, 18.2928, 24.2589)

Have a look what the booklet for
XYZ(27.7444, 18.2928, 24.2589)
contains.

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Color

**XYZ(27.7444, 18.2928,
24.2589)**

Conversions

Conversions Part 1

Format	Color
Hex	BB5285
RGB	187, 82, 133
RGB Percent	73%, 32%, 52%
CMY	0.2667, 0.6784, 0.4784
CMYK	0.00, 0.56, 0.29, 0.27
HSL	331°, 44%, 53%
HSV	331°, 56%, 73%
XYZ	27.7444, 18.2928, 24.2589
YIQ	119.2090, 46.2090, 38.1210

Conversions

Conversions Part 2

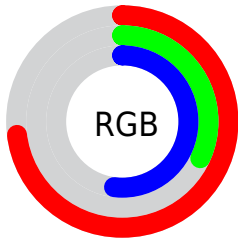
Format	Color
R_{YB}	187, 82, 133
Decimal	12276357
CIE _{Lab}	49.85, 47.84, -7.71
CIE _{LCh}	50, 48.462, 350.843
Yxy	18.2928, 0.3947, 0.2602
Android (android.graphics.Color)	4290466437 (0xFFBB5285)
YUV	119.2090, 6.7990, 59.4527
Hunter-Lab	42.7701, 40.9430, -3.6898

Details

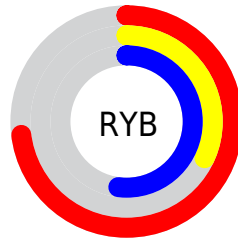
The XYZ color **27.7444, 18.2928, 24.2589** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **25.6948, 39.1125, 29.4897**, and the grayscale version is **17.5703, 18.4853, 20.1305**.

A 20% lighter version of the original color is **55.5329, 40.4659, 51.3382**, and **11.3297, 6.2042, 8.9879** is the 20% darker color. If you saturate the color by 10%, you get **25.8872, 15.5934, 20.5103**, and if you desaturate by 10%, it is **30.0477, 21.7867, 28.4568**.

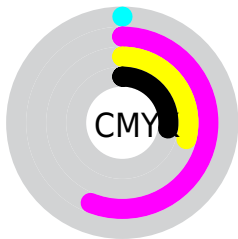
Distribution



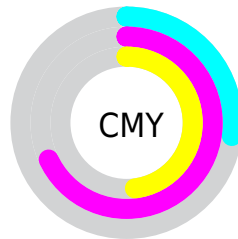
- Red (73%)
- Green (32%)
- Blue (52%)



- Red (73%)
- Yellow (32%)
- Blue (52%)



- Cyan (0%)
- Magenta (56%)
- Yellow (29%)
- Black (27%)





- Cyan (27%)
- Magenta (68%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7444, 18.2928, 24.2589 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 27.7444, 18.2928, 24.2589 by changing the saturation by 10% instead.


 27.7444, 18.2928,
24.2589


 27.7444, 18.2928,
24.2589


283.3458,
242.5163, 287.4554


 18.2725, 11.1604,
15.3118

 55.4876, 40.5356,
51.4015


 11.2467, 6.1748,
8.8895


 74.4897, 56.4148,
70.4340


 6.3015, 2.9517,
4.5733


 97.3992, 75.9784,
93.6655

 3.0717, 1.1066,
1.9448

 124.5815, 99.6109,
121.5144

 1.1918, 0.0000,
0.5210

 156.4019,
127.6964, 154.3993

 0.0999, 0.0000,
0.0000

193.2259,

 0.0000, 0.0000,

160.6196, 192.7388

0.0000

235.4188,
198.7648, 236.9513

■ 27.7444, 18.2928,
24.2589

■ 27.7444, 18.2928,
24.2589

■ 25.8872, 15.5934,
20.5103

■ 30.0477, 21.7867,
28.4568

■ 24.4409, 13.6212,
17.1907

■ 32.8256, 26.1300,
33.1206

■ 23.3670, 12.3019,
14.2791

■ 36.1057, 31.3755,
38.2672

■ 22.6160, 11.5389,
11.7501

■ 39.9133, 37.5713,
43.9121

■ 22.3743, 11.3171,
10.8630

■ 44.2717, 44.7618,
50.0702

■ 49.2028, 52.9887,
56.7553

■ 54.7273, 62.2912,
63.9810

■ 60.8648, 72.7065,
71.7602

■ 67.6341, 84.2702,
80.1052

Harmonies

Analogous

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



25.2471, 18.2928, 40.7544



27.7444, 18.2928, 24.2589



27.1085, 18.2928, 12.1513

Triad

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



27.7444, 18.2928, 24.2589



14.4067, 18.2928, 4.3256



12.3477, 18.2928, 46.9633

Complementary

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



27.7444, 18.2928, 24.2589



25.6948, 39.1125, 29.4897

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.



10.3212, 18.2928, 30.4407



27.7444, 18.2928, 24.2589



11.3550, 18.2928, 7.7632

Square

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



27.7444, 18.2928, 24.2589



18.8430, 18.2928, 3.8580



9.9932, 18.2928, 16.1281



16.0076, 18.2928, 57.2001

Rectangle

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



27.7444, 18.2928, 24.2589



25.0318, 18.2928, 7.4606



9.9932, 18.2928, 16.1281



11.4822, 18.2928, 41.6875

Sweetspot

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



27.7449, 18.2937, 24.2592



70.6666, 65.9504, 77.4603



21.8992, 14.7331, 48.7033



15.2471, 14.0089, 16.5980



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



27.7449, 18.2937, 24.2592



45.8067, 27.1458, 35.5235



25.0345, 17.2095, 9.9861



9.7180, 9.6115, 10.9041



15.4523, 7.8121, 7.6754



0.6383, 0.3192, 0.4748

Inverse Universe

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



27.7449, 18.2937, 24.2592



45.8067, 27.1458, 35.5235



30.2202, 40.9226, 53.3198



9.7180, 9.6115, 10.9041



15.4523, 7.8121, 7.6754



0.6383, 0.3192, 0.4748

Previews

White Background



This preview shows how the XYZ color 27.7444, 18.2928, 24.2589 looks on a white background.

Color Contrast Check

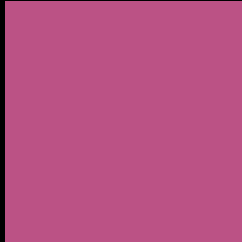
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7444, 18.2928, 24.2589 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 27.7444, 18.2928, 24.2589

Background



This preview shows how black text looks on a background with the XYZ color 27.7444, 18.2928, 24.2589.



This preview shows how white text looks on a background with the XYZ color 27.7444, 18.2928,

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

27.7444, 18.2928, 24.2589

Protanopia

18.7486, 18.5793, 34.4963

Deuteranopia

18.8941, 18.5613, 23.0089



Tritanopia

25.5346, 18.3472, 13.2619

Trichromacy



Original Color

27.7444, 18.2928, 24.2589

Protanomaly

20.7134, 17.5596, 30.3146

Deuteranomaly

21.3740, 17.9019, 23.4480

Tritanomaly

26.1761, 18.2348, 16.6080

Monochromacy



Original Color

27.7444, 18.2928, 24.2589

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

20.2937, 17.6926, 21.4142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7444, 18.2928, 24.2589 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(187, 82, 133)` looks like.

```
.text, #text, p{  
    color:rgb(187, 82, 133)  
}
```

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(187, 82, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 82, 133) }
```

Border

The CSS property to change the border of an element to XYZ 27.7444, 18.2928, 24.2589 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(187, 82, 133) }
```


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

```
.border{ border-color:rgb(187, 82, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 82, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 82, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 82, 133);  
box-shadow:4px 4px 4px 4px rgb(187, 82,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7444, 18.2928, 24.2589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 82, 133) }
```

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

```
.background{ background-color: rgb(187, 82,  
133) }
```

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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