

Converting Colors

XYZ(28.6158, 18.7471, 22.7658)

Have a look what the booklet for
XYZ(28.6158, 18.7471, 22.7658)
contains.

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Color

**XYZ(28.7180, 18.8260,
22.8891)**

Conversions

Conversions Part 1

Format	Color
Hex	C05281
RGB	192, 82, 129
RGB Percent	75%, 32%, 51%
CMY	0.2471, 0.6784, 0.4941
CMYK	0.00, 0.57, 0.33, 0.25
HSL	334°, 47%, 54%
HSV	334°, 57%, 75%
XYZ	28.7180, 18.8260, 22.8891
YIQ	120.2480, 50.4730, 37.9370

Conversions

Conversions Part 2

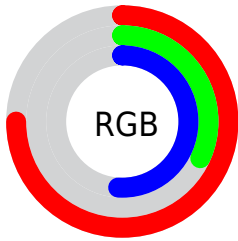
Format	Color
R_{YB}	192, 82, 129
Decimal	12604033
CIE _{Lab}	50.48, 48.95, -4.29
CIE _{LCh}	50, 49.136, 354.987
Yxy	18.8260, 0.4077, 0.2673
Android (android.graphics.Color)	4290794113 (0xFFC05281)
YUV	120.2480, 4.3147, 62.9265
Hunter-Lab	43.3889, 42.2138, -0.9052

Details

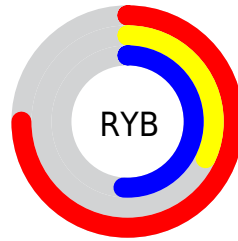
The XYZ color **28.7180, 18.8260, 22.8891** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **27.4411, 41.5380, 33.3616**, and the grayscale version is **17.9079, 18.8405, 20.5173**.

A 20% lighter version of the original color is **57.0313, 41.4949, 49.2594**, and **11.7873, 6.4253, 8.2084** is the 20% darker color. If you saturate the color by 10%, you get **26.7753, 16.0481, 18.8271**, and if you desaturate by 10%, it is **31.1454, 22.4473, 27.5012**.

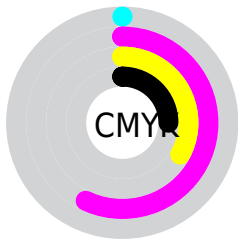
Distribution



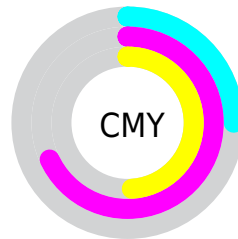
- Red (75%)
- Green (32%)
- Blue (51%)



- Red (75%)
- Yellow (32%)
- Blue (51%)



- Cyan (0%)
- Magenta (57%)
- Yellow (33%)
- Black (25%)





- Cyan (25%)
- Magenta (68%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.7180, 18.8260, 22.8891 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 28.7180, 18.8260, 22.8891 by changing the saturation by 10% instead.


 28.7180, 18.8260,
22.8891


 28.7180, 18.8260,
22.8891

287.9003,
245.4865, 280.2583


 19.0108, 11.5446,
14.3071


 57.0294, 41.4399,
49.1321


 11.7821, 6.4344,
8.1934


 76.3643, 57.5412,
67.6301


 6.6666, 3.1110,
4.1294


 99.6392, 77.3512,
90.2706

 3.2990, 1.1899,
1.6966

 127.2194,
101.2544, 117.4720

 1.3138, 0.0535,
0.3584

 159.4702,
129.6351, 149.6530

 0.1935, 0.0000,
0.0000

196.7571,

 0.0000, 0.0000,

162.8778, 187.2320

0.0000

239.4454,
201.3668, 230.6276

■ 28.7180, 18.8260,
22.8891

■ 28.7180, 18.8260,
22.8891

■ 26.7753, 16.0481,
18.8271

■ 31.1454, 22.4473,
27.5012

■ 25.2786, 14.0403,
15.2896

■ 34.0892, 26.9715,
32.6851

■ 24.1852, 12.7213,
12.2495

■ 37.5797, 32.4560,
38.4623

■ 23.4350, 11.9756,
9.6734

■ 41.6448, 38.9528,
44.8529

■ 23.2625, 11.8162,
9.0436

■ 46.3100, 46.5097,
51.8756

■ 51.5996, 55.1719,
59.5487

■ 57.5363, 64.9817,
67.8892

■ 64.1417, 75.9793,
76.9139

■ 71.4362, 88.2027,
86.6385

Harmonies

Analogous

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



26.5403, 18.8260, 39.6478



28.7180, 18.8260, 22.8891



27.6002, 18.8260, 11.2579

Triad

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



28.7180, 18.8260, 22.8891



14.2803, 18.8260, 4.6862



13.1150, 18.8260, 50.5550

Complementary

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



28.7180, 18.8260, 22.8891



27.4411, 41.5380, 33.3616

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.



10.7802, 18.8260, 33.7712



28.7180, 18.8260, 22.8891



11.3641, 18.8260, 8.7886

Square

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



28.7180, 18.8260, 22.8891



18.7099, 18.8260, 3.8560



10.2014, 18.8260, 18.2801



17.1012, 18.8260, 59.5675

Rectangle

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



28.7180, 18.8260, 22.8891



25.2248, 18.8260, 6.9397



10.2014, 18.8260, 18.2801



12.1412, 18.8260, 45.3515

Sweetspot

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



28.7185, 18.8270, 22.8894



75.4707, 70.6008, 81.2905



24.0926, 15.8008, 51.6494



15.8528, 14.6026, 16.9174



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.



28.7185, 18.8270, 22.8894



47.6726, 27.9181, 32.2138



26.8622, 19.0171, 10.2387



10.2478, 10.1477, 11.3955



15.6905, 7.9659, 6.2820



0.7124, 0.3580, 0.4528

Inverse Universe

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



28.7185, 18.8270, 22.8894



47.6726, 27.9181, 32.2138



30.2741, 40.1588, 56.0252



10.2478, 10.1477, 11.3955



15.6905, 7.9659, 6.2820



0.7124, 0.3580, 0.4528

Previews

White Background



This preview shows how the XYZ color 28.7180, 18.8260, 22.8891 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 28.7180, 18.8260, 22.8891 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 28.7180, 18.8260, 22.8891

Background



This preview shows how black text looks on a background with the XYZ color 28.7180, 18.8260, 22.8891.



This preview shows how white text looks on a background with the XYZ color 28.7180, 18.8260,

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

28.7180, 18.8260, 22.8891

Protanopia

19.0287, 18.9383, 32.7895

Deuteranopia

19.3595, 19.0031, 21.7164



Tritanopia

26.6242, 18.7898, 13.0500

Trichromacy



Original Color

28.7180, 18.8260, 22.8891

Protanomaly

21.1726, 17.9844, 28.7410

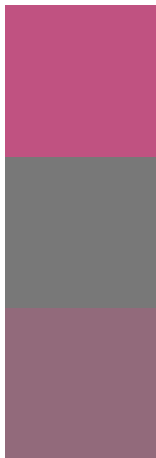
Deuteranomaly

21.8531, 18.1793, 22.0958

Tritanomaly

27.2168, 18.6643, 16.0780

Monochromacy



Original Color

28.7180, 18.8260, 22.8891

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

20.5832, 17.8491, 21.0993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7180, 18.8260, 22.8891 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(192, 82, 129)` looks like.

```
.text, #text, p{  
    color:rgb(192, 82, 129)  
}
```

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(192, 82, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 82, 129) }
```

Border

The CSS property to change the border of an element to XYZ 28.7180, 18.8260, 22.8891 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(192, 82, 129) }
```


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

```
.border{ border-color:rgb(192, 82, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 82, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 82, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 82, 129);  
box-shadow:4px 4px 4px 4px rgb(192, 82,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7180, 18.8260, 22.8891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 82, 129) }
```

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

```
.background{ background-color: rgb(192, 82,  
129) }
```

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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