

Converting Colors

XYZ(28.5325, 19.0156, 25.1174)

Have a look what the booklet for
XYZ(28.5325, 19.0156, 25.1174)
contains.

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Color

**XYZ(28.6079, 19.0651,
25.0938)**

Conversions

Conversions Part 1

Format	Color
Hex	BD5587
RGB	189, 85, 135
RGB Percent	74%, 33%, 53%
CMY	0.2588, 0.6666, 0.4706
CMYK	0.00, 0.55, 0.29, 0.26
HSL	331°, 44%, 54%
HSV	331°, 55%, 74%
XYZ	28.6079, 19.0651, 25.0938
YIQ	121.7960, 45.9340, 37.5980

Conversions

Conversions Part 2

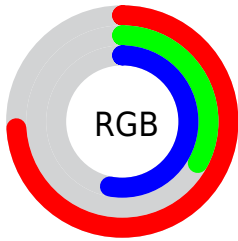
Format	Color
R_{YB}	189, 85, 135
Decimal	12408199
CIE _{Lab}	50.76, 47.31, -7.51
CIE _{LCh}	51, 47.903, 350.978
Yxy	19.0651, 0.3931, 0.2620
Android (android.graphics.Color)	4290598279 (0xFFBD5587)
YUV	121.7960, 6.5096, 58.9379
Hunter-Lab	43.6636, 40.5399, -3.5099

Details

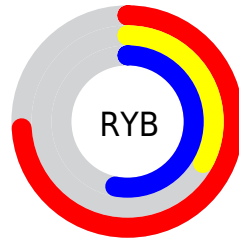
The XYZ color **28.6079, 19.0651, 25.0938** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **26.6051, 40.1910, 30.7836**, and the grayscale version is **18.4018, 19.3602, 21.0832**.

A 20% lighter version of the original color is **56.8770, 41.7643, 52.6405**, and **11.7768, 6.5710, 9.2419** is the 20% darker color. If you saturate the color by 10%, you get **26.6543, 16.2131, 21.1892**, and if you desaturate by 10%, it is **31.0237, 22.7392, 29.4671**.

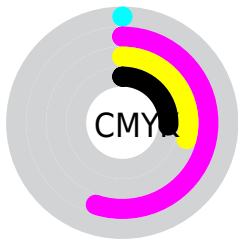
Distribution



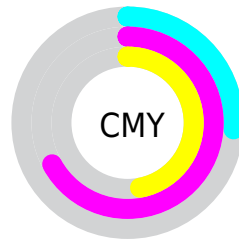
- Red (74%)
- Green (33%)
- Blue (53%)



- Red (74%)
- Yellow (33%)
- Blue (53%)



- Cyan (0%)
- Magenta (55%)
- Yellow (29%)
- Black (26%)





- Cyan (26%)
- Magenta (67%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.6079, 19.0651, 25.0938 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 28.6079, 19.0651, 25.0938 by changing the saturation by 10% instead.

 28.6079, 19.0651,
25.0938


 28.6079, 19.0651,
25.0938


287.3881,
246.8079, 291.7674


 18.9272, 11.7173,
15.9273


 56.8554, 41.8441,
52.7754


 11.7214, 6.5515,
9.3189


 76.1529, 58.0441,
72.1275


 6.6251, 3.1832,
4.8501


 99.3868, 77.9636,
95.7119

 3.2730, 1.2281,
2.1024

 126.9223,
101.9870, 123.9472

 1.2997, 0.0845,
0.6172

 159.1248,
130.4988, 157.2518

 0.1830, 0.0000,
0.0000

196.3597,

 0.0000, 0.0000,

163.8833, 196.0444

0.0000

238.9924,
202.5248, 240.7434

■ 28.6079, 19.0651,
25.0938

■ 28.6079, 19.0651,
25.0938

■ 26.6543, 16.2131,
21.1892

■ 31.0237, 22.7392,
29.4671

■ 25.1270, 14.1148,
17.7324

■ 33.9304, 27.2908,
34.3263

■ 23.9874, 12.6954,
14.7018

■ 37.3565, 32.7738,
39.6889

■ 23.1879, 11.8628,
12.0724

■ 41.3274, 39.2371,
45.5708

■ 22.8686, 11.5717,
10.8943

■ 45.8671, 46.7259,
51.9875

■ 50.9979, 55.2827,
58.9535

■ 56.7410, 64.9476,
66.4826

■ 63.1164, 75.7586,
74.5884

■ 70.1095, 87.6841,
83.2722

Harmonies

Analogous

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



26.0996, 19.0651, 41.7251



28.6079, 19.0651, 25.0938



27.9516, 19.0651, 12.7941

Triad

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



28.6079, 19.0651, 25.0938



15.0704, 19.0651, 4.7450



12.9995, 19.0651, 48.1043

Complementary

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



28.6079, 19.0651, 25.0938



26.6051, 40.1910, 30.7836

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.



10.9166, 19.0651, 31.4878



28.6079, 19.0651, 25.0938



11.9604, 19.0651, 8.3432

Square

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



28.6079, 19.0651, 25.0938



19.5773, 19.0651, 4.2417



10.5723, 19.0651, 16.9540



16.7384, 19.0651, 58.3155

Rectangle

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



28.6079, 19.0651, 25.0938



25.8472, 19.0651, 7.9796



10.5723, 19.0651, 16.9540



12.1116, 19.0651, 42.8135

Sweetspot

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



28.6085, 19.0661, 25.0942



72.3309, 67.5134, 79.1660



23.0378, 15.6384, 49.9484



15.2405, 14.0063, 16.5633



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.



28.6085, 19.0661, 25.0942



47.1221, 28.1685, 36.6277



26.0133, 18.2490, 10.7470



9.7160, 9.6107, 10.8937



15.4249, 7.8011, 7.5313



0.6373, 0.3188, 0.4692

Inverse Universe

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



28.6085, 19.0661, 25.0942



47.1221, 28.1685, 36.6277



30.7591, 41.2596, 54.4868



9.7160, 9.6107, 10.8937



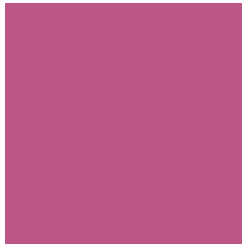
15.4249, 7.8011, 7.5313



0.6373, 0.3188, 0.4692

Previews

White Background



This preview shows how the XYZ color 28.6079, 19.0651, 25.0938 looks on a white background.

Color Contrast Check

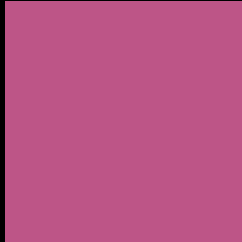
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6079, 19.0651, 25.0938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

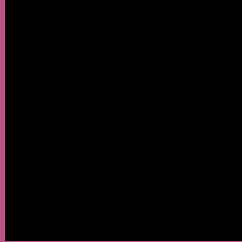
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.6079, 19.0651, 25.0938

Background



This preview shows how black text looks on a background with the XYZ color 28.6079, 19.0651, 25.0938.



This preview shows how white text looks on a background with the XYZ color 28.6079, 19.0651,

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

28.6079, 19.0651, 25.0938

Protanopia

19.4436, 19.2811, 35.0446

Deuteranopia

19.5610, 19.2357, 23.8010



Tritanopia

26.4162, 19.1687, 14.1120

Trichromacy



Original Color

28.6079, 19.0651, 25.0938

Protanomaly

21.4102, 18.2064, 31.2399

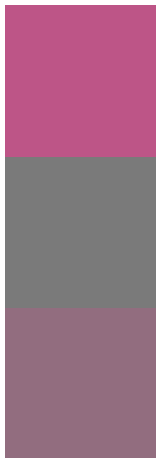
Deuteranomaly

22.0814, 18.5533, 24.2471

Tritanomaly

27.0743, 19.0470, 17.5787

Monochromacy



Original Color

28.6079, 19.0651, 25.0938

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

21.1535, 18.5806, 22.5502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6079, 19.0651, 25.0938 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(189, 85, 135)` looks like.

```
.text, #text, p{  
    color:rgb(189, 85, 135)  
}
```

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(189, 85, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 85, 135) }
```

Border

The CSS property to change the border of an element to XYZ 28.6079, 19.0651, 25.0938 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(189, 85, 135) }
```


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

```
.border{ border-color:rgb(189, 85, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 85, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 85, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 85, 135);  
box-shadow:4px 4px 4px 4px rgb(189, 85,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6079, 19.0651, 25.0938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 85, 135) }
```

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

```
.background{ background-color: rgb(189, 85,  
135) }
```

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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