

Converting Colors

XYZ(27.3831, 18.0569, 21.4441)

Have a look what the booklet for
XYZ(27.3831, 18.0569, 21.4441)
contains.

XYZ(27.3831, 18.0569, 21.4441)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.3831, 18.0569,
21.4441)**

Conversions

Conversions Part 1

Format	Color
Hex	BC517D
RGB	188, 81, 125
RGB Percent	74%, 32%, 49%
CMY	0.2627, 0.6823, 0.5098
CMYK	0.00, 0.57, 0.34, 0.26
HSL	335°, 44%, 53%
HSV	335°, 57%, 74%
XYZ	27.3831, 18.0569, 21.4441
YIQ	118.0090, 49.6480, 36.3680

Conversions

Conversions Part 2

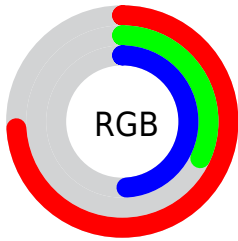
Format	Color
R_{YB}	188, 81, 125
Decimal	12341629
CIE _{Lab}	49.57, 47.62, -3.32
CIE _{LCh}	50, 47.739, 356.013
Yxy	18.0569, 0.4094, 0.2700
Android (android.graphics.Color)	4290531709 (0xFFBC517D)
YUV	118.0090, 3.4466, 61.3821
Hunter-Lab	42.4934, 40.6634, -0.1750

Details

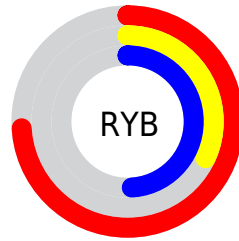
The XYZ color **27.3831, 18.0569, 21.4441** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **26.4116, 39.7298, 32.6644**, and the grayscale version is **17.2021, 18.0979, 19.7086**.

A 20% lighter version of the original color is **54.9188, 40.0387, 46.9532**, and **11.0122, 6.0424, 7.4234** is the 20% darker color. If you saturate the color by 10%, you get **25.5062, 15.3724, 17.5218**, and if you desaturate by 10%, it is **29.7265, 21.5481, 25.9112**.

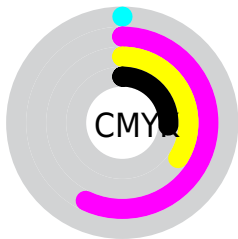
Distribution



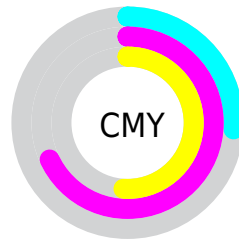
- Red (74%)
- Green (32%)
- Blue (49%)



- Red (74%)
- Yellow (32%)
- Blue (49%)



- Cyan (0%)
- Magenta (57%)
- Yellow (34%)
- Black (26%)





- Cyan (26%)
- Magenta (68%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.3831, 18.0569, 21.4441 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 27.3831, 18.0569, 21.4441 by changing the saturation by 10% instead.

 27.3831, 18.0569,
21.4441


 27.3831, 18.0569,
21.4441


281.6411,
241.1916, 272.4875


 17.9992, 10.9908,
13.2546

 54.9136, 40.1343,
46.7158

 11.0491, 6.0607,
7.4713

 73.7909, 55.9144,
64.6351


 6.1674, 2.8820,
3.6757


 96.5634, 75.3679,
86.6348

 2.9888, 1.0704,
1.4492

 123.5964, 98.8793,
113.1334

 1.1478, 0.0000,
0.1796

 155.2553,
126.8330, 144.5494

 0.0646, 0.0000,
0.0000

191.9055,

 0.0000, 0.0000,

159.6134, 181.3014

0.0000

233.9123,
197.6047, 223.8079

■ 27.3831, 18.0569,
21.4441

■ 27.3831, 18.0569,
21.4441

■ 25.5062, 15.3724,
17.5218

■ 29.7265, 21.5481,
25.9112

■ 24.0589, 13.4253,
14.1187

■ 32.5665, 25.9025,
30.9446

■ 23.0009, 12.1390,
11.2082

■ 35.9322, 31.1742,
36.5658

■ 22.2768, 11.4073,
8.7577

■ 39.8498, 37.4126,
42.7948

■ 22.0893, 11.2315,
8.0810

■ 44.3440, 44.6633,
49.6504

■ 49.4378, 52.9688,
57.1505

■ 55.1529, 62.3694,
65.3125

■ 61.5100, 72.9033,
74.1527

■ 68.5286, 84.6067,
83.6872

Harmonies

Analogous

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



25.4314, 18.0569, 37.1306



27.3831, 18.0569, 21.4441



26.2255, 18.0569, 10.6349

Triad

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



27.3831, 18.0569, 21.4441



13.6237, 18.0569, 4.6966



12.7453, 18.0569, 48.3905

Complementary

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



27.3831, 18.0569, 21.4441



26.4116, 39.7298, 32.6644

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.



10.4728, 18.0569, 32.7335



27.3831, 18.0569, 21.4441



10.9139, 18.0569, 8.7652

Square

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



27.3831, 18.0569, 21.4441



17.7744, 18.0569, 3.8107



9.8661, 18.0569, 17.9794



16.5649, 18.0569, 56.4476

Rectangle

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



27.3831, 18.0569, 21.4441



23.9392, 18.0569, 6.6331



9.8661, 18.0569, 17.9794



11.8032, 18.0569, 43.5797

Sweetspot

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



27.3836, 18.0578, 21.4444



71.9434, 67.3584, 77.1254



23.4204, 15.3938, 49.3138



15.1490, 13.9696, 16.0814



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.



27.3836, 18.0578, 21.4444



45.5843, 26.9730, 30.3185



25.8741, 18.5848, 10.0093



9.6884, 9.5997, 10.7483



15.0746, 7.6610, 5.6865



0.6231, 0.3131, 0.3944

Inverse Universe

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



27.3836, 18.0578, 21.4444



45.5843, 26.9730, 30.3185



28.6079, 37.6542, 53.3371



9.6884, 9.5997, 10.7483



15.0746, 7.6610, 5.6865



0.6231, 0.3131, 0.3944

Previews

White Background



This preview shows how the XYZ color 27.3831, 18.0569, 21.4441 looks on a white background.

Color Contrast Check

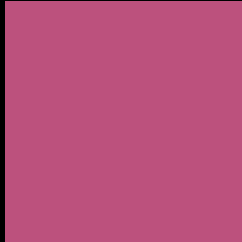
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3831, 18.0569, 21.4441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

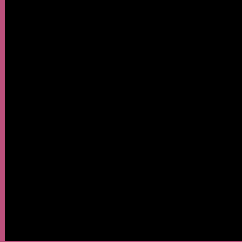
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.3831, 18.0569, 21.4441

Background



This preview shows how black text looks on a background with the XYZ color 27.3831, 18.0569, 21.4441.



This preview shows how white text looks on a background with the XYZ color 27.3831, 18.0569,

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

27.3831, 18.0569, 21.4441

Protanopia

18.2621, 18.2402, 30.5752

Deuteranopia

18.5742, 18.2847, 20.3196



Tritanopia

25.4362, 17.9388, 12.7116

Trichromacy



Original Color

27.3831, 18.0569, 21.4441

Protanomaly

20.3314, 17.2830, 27.0753

Deuteranomaly

20.9408, 17.5897, 20.7038

Tritanomaly

26.0480, 17.9560, 15.4576

Monochromacy



Original Color

27.3831, 18.0569, 21.4441

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

19.8305, 17.3233, 20.3877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3831, 18.0569, 21.4441 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(188, 81, 125)` looks like.

```
.text, #text, p{  
    color:rgb(188, 81, 125)  
}
```

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(188, 81, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 81, 125) }
```

Border

The CSS property to change the border of an element to XYZ 27.3831, 18.0569, 21.4441 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(188, 81, 125) }
```


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

```
.border{ border-color:rgb(188, 81, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 81, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 81, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 81, 125);  
box-shadow:4px 4px 4px 4px rgb(188, 81,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3831, 18.0569, 21.4441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 81, 125) }
```

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

```
.background{ background-color: rgb(188, 81,  
125) }
```

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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