

Converting Colors

XYZ(29.2798, 20.9759, 24.0096)

Have a look what the booklet for
XYZ(29.2798, 20.9759, 24.0096)
contains.

XYZ(29.3577, 21.0069, 23.9801)	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(29.3577, 21.0069,
23.9801)**

Conversions

Conversions Part 1

Format	Color
Hex	BD6183
RGB	189, 97, 131
RGB Percent	74%, 38%, 51%
CMY	0.2588, 0.6196, 0.4863
CMYK	0.00, 0.49, 0.31, 0.26
HSL	338°, 41%, 56%
HSV	338°, 49%, 74%
XYZ	29.3577, 21.0069, 23.9801
YIQ	128.3840, 43.9180, 30.0780

Conversions

Conversions Part 2

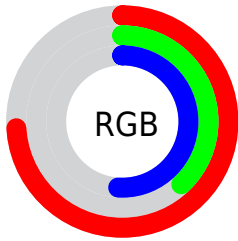
Format	Color
R_{YB}	189, 97, 131
Decimal	12411267
CIE _{Lab}	52.96, 40.76, -1.89
CIE _{LCh}	53, 40.800, 357.348
Yxy	21.0069, 0.3949, 0.2826
Android (android.graphics.Color)	4290601347 (0xFFBD6183)
YUV	128.3840, 1.2897, 53.1602
Hunter-Lab	45.8333, 34.1268, 1.0626

Details

The XYZ color **29.3577, 21.0069, 23.9801** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **29.0448, 41.3037, 37.4542**, and the grayscale version is **20.6368, 21.7115, 23.6438**.

A 20% lighter version of the original color is **57.9158, 45.0475, 50.9899**, and **12.1729, 7.5497, 8.7983** is the 20% darker color. If you saturate the color by 10%, you get **27.0531, 17.6166, 19.4539**, and if you desaturate by 10%, it is **32.1724, 25.2685, 29.1350**.

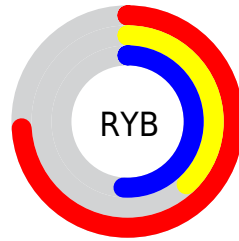
Distribution



Red (74%)

Green (38%)

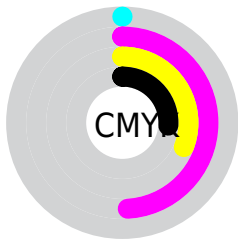
Blue (51%)



Red (74%)

Yellow (38%)

Blue (51%)

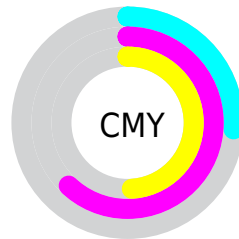


Cyan (0%)

Magenta (49%)

Yellow (31%)

Black (26%)



Cyan (26%)


Magenta (62%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.3577, 21.0069, 23.9801 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 29.3577, 21.0069, 23.9801 by changing the saturation by 10% instead.


 29.3577, 21.0069,
23.9801


 29.3577, 21.0069,
23.9801


290.8628,
257.3152, 286.0032


 19.4972, 13.1290,
15.1068

 58.0386, 45.0990,
50.9411


 12.1362, 7.5175,
8.7469


 77.5896, 62.0821,
69.8660

 6.9094, 3.7878,
4.4819


 101.1016, 82.8690,
92.9784

 3.4513, 1.5556,
1.8933

 128.9399,
107.8441, 120.6969

 1.3967, 0.3274,
0.4885

161.4698,
137.3919, 153.4401

 0.2539, 0.0000,
0.0000

199.0567,

 0.0000, 0.0000,

171.8968, 191.6266

0.0000

242.0659,
211.7431, 235.6747

■ 29.3577, 21.0069,
23.9801

■ 29.3577, 21.0069,
23.9801

■ 27.0531, 17.6166,
19.4539

■ 32.1724, 25.2685,
29.1350

■ 25.2236, 15.0330,
15.5288

■ 35.5255, 30.4535,
34.9422

■ 23.8325, 13.1879,
12.1763


■ 39.4452, 36.6137,
41.4254


■ 22.8364, 11.9999,
9.3646


■ 43.9571, 43.7960,
48.6065


■ 22.1644, 11.3336,
7.0518

■ 49.0853, 52.0444,
56.5066

 22.0868, 11.2590,
6.7773

 54.8526, 61.4003,
65.1457

 61.2805, 71.9028,
74.5430

 68.3894, 83.5891,
84.7170

 72.2147, 88.5262,
94.3575

Harmonies

Analogous

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



27.7202, 21.0069, 38.0758



29.3577, 21.0069, 23.9801



28.1965, 21.0069, 13.6710

Triad

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



29.3577, 21.0069, 23.9801



16.4224, 21.0069, 7.6845



15.8506, 21.0069, 48.9799

Complementary

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



29.3577, 21.0069, 23.9801



29.0448, 41.3037, 37.4542

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.



13.5173, 21.0069, 35.4857



29.3577, 21.0069, 23.9801



13.8128, 21.0069, 12.3750

Square

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



29.3577, 21.0069, 23.9801



20.3494, 21.0069, 6.4924



12.8277, 21.0069, 21.8004



19.5883, 21.0069, 55.3811

Rectangle

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



29.3577, 21.0069, 23.9801



26.0717, 21.0069, 9.5573



12.8277, 21.0069, 21.8004



14.8975, 21.0069, 44.9311

Sweetspot

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



29.3583, 21.0079, 23.9805



73.2997, 69.7824, 78.4671



26.7367, 19.0686, 50.4157



15.4093, 14.4455, 16.3061



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.



29.3583, 21.0079, 23.9805



48.3587, 31.4166, 34.6506



28.4792, 22.3520, 14.1239



9.6720, 9.5931, 10.6619



14.8948, 7.5891, 4.7395



0.6153, 0.3100, 0.3534

Inverse Universe

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



29.3583, 21.0079, 23.9805



48.3587, 31.4166, 34.6506



30.0894, 38.1632, 53.9246



9.6720, 9.5931, 10.6619



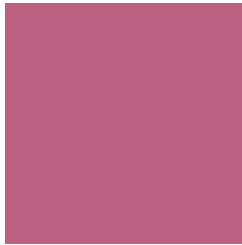
14.8948, 7.5891, 4.7395



0.6153, 0.3100, 0.3534

Previews

White Background



This preview shows how the XYZ color 29.3577, 21.0069, 23.9801 looks on a white background.

Color Contrast Check

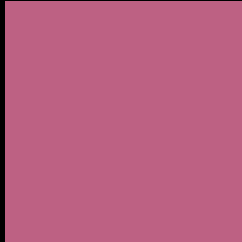
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3577, 21.0069, 23.9801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

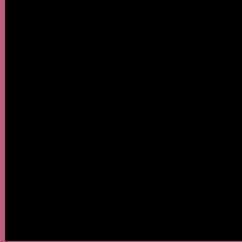
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.3577, 21.0069, 23.9801

Background



This preview shows how black text looks on a background with the XYZ color 29.3577, 21.0069, 23.9801.



This preview shows how white text looks on a background with the XYZ color 29.3577, 21.0069,

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

29.3577, 21.0069, 23.9801

Protanopia

20.9117, 21.2292, 31.4293

Deuteranopia

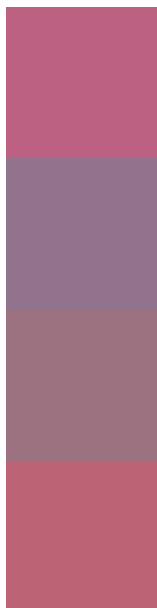
21.5612, 21.1872, 23.0318



Tritanopia

27.9075, 20.9763, 17.0459

Trichromacy



Original Color

29.3577, 21.0069, 23.9801

Protanomaly

22.8673, 20.3255, 28.3092

Deuteranomaly

23.8182, 20.7612, 23.1740

Tritanomaly

28.5071, 21.0901, 19.3979

Monochromacy



Original Color

29.3577, 21.0069, 23.9801

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

22.9014, 20.7916, 23.5750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3577, 21.0069, 23.9801 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, 97, 131)` looks like.

```
.text, #text, p{  
    color:rgb(189, 97, 131)  
}
```

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, 97, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 97, 131) }
```

Border

The CSS property to change the border of an element to XYZ 29.3577, 21.0069, 23.9801 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, 97, 131) }
```


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

```
.border{ border-color:rgb(189, 97, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 97, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 97, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 97, 131);  
box-shadow:4px 4px 4px 4px rgb(189, 97,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3577, 21.0069, 23.9801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 97, 131) }
```

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

```
.background{ background-color: rgb(189, 97,  
131) }
```

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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