

Converting Colors

XYZ(26.2989, 17.6608, 20.3987)

Have a look what the booklet for
XYZ(26.2989, 17.6608, 20.3987)
contains.

XYZ(26.2973, 17.6301, 20.4293)	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(26.2973, 17.6301,
20.4293)**

Conversions

Conversions Part 1

Format	Color
Hex	B8527A
RGB	184, 82, 122
RGB Percent	72%, 32%, 48%
CMY	0.2784, 0.6784, 0.5216
CMYK	0.00, 0.55, 0.34, 0.28
HSL	336°, 42%, 52%
HSV	336°, 55%, 72%
XYZ	26.2973, 17.6301, 20.4293
YIQ	117.0580, 47.9520, 34.0640

Conversions

Conversions Part 2

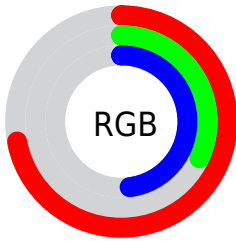
Format	Color
R_{YB}	184, 82, 122
Decimal	12079738
CIE _{Lab}	49.04, 45.44, -2.35
CIE _{LCh}	49, 45.505, 357.038
Yxy	17.6301, 0.4086, 0.2739
Android (android.graphics.Color)	4290269818 (0xFFB8527A)
YUV	117.0580, 2.4364, 58.7081
Hunter-Lab	41.9882, 38.3155, 0.5443

Details

The XYZ color **26.2973, 17.6301, 20.4293** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **25.6551, 38.0889, 32.3875**, and the grayscale version is **16.9094, 17.7900, 19.3733**.

A 20% lighter version of the original color is **53.2661, 39.4386, 44.8494**, and **10.5534, 5.9141, 7.0639** is the 20% darker color. If you saturate the color by 10%, you get **24.4375, 14.9565, 16.5847**, and if you desaturate by 10%, it is **28.6098, 21.0814, 24.8187**.

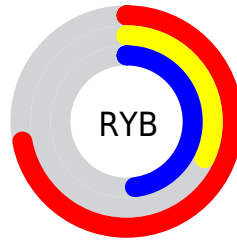
Distribution



Red (72%)

Green (32%)

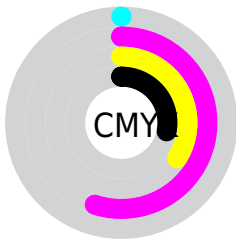
Blue (48%)



Red (72%)

Yellow (32%)

Blue (48%)

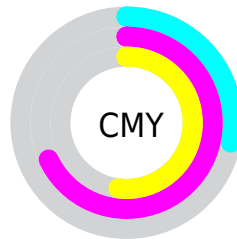


Cyan (0%)

Magenta (55%)

Yellow (34%)

Black (28%)



Cyan (28%)

Magenta (68%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2973, 17.6301, 20.4293 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 26.2973, 17.6301, 20.4293 by changing the saturation by 10% instead.

■ 26.2973, 17.6301,
20.4293

■ 26.2973, 17.6301,
20.4293

276.4685,
238.7778, 266.9105

■ 17.1800, 10.6847,
12.5203

■ 53.1821, 39.4060,
45.0042

■ 10.4590, 5.8553,
6.9723

■ 71.6803, 55.0054,
62.5071

■ 5.7689, 2.7573,
3.3666

■ 94.0362, 74.2582,
84.0452

■ 2.7444, 1.0064,
1.2847

■ 120.6151, 97.5488,
110.0368

■ 1.0201, 0.0000,
0.0492

■ 151.7825,
125.2617, 140.9007

■ 0.0000, 0.0000,
0.0000

187.9036,

157.7812, 177.0552

229.3438,
195.4918, 218.9189

■ 26.2973, 17.6301,
20.4293

■ 26.2973, 17.6301,
20.4293

■ 24.4375, 14.9565,
16.5847

■ 28.6098, 21.0814,
24.8187

■ 22.9958, 12.9958,
13.2596

■ 31.4033, 25.3628,
29.7746

■ 21.9346, 11.6773,
10.4275

■ 34.7053, 30.5256,
35.3182

■ 21.2072, 10.9123,
8.0582

■ 38.5407, 36.6157,
41.4696

■ 20.9418, 10.6602,
7.1107

■ 42.9327, 43.6761,
48.2475

■ 47.9033, 51.7471,
55.6700

■ 53.4731, 60.8665,
63.7544

■ 59.6616, 71.0703,
72.5171

■ 66.4876, 82.3928,
81.9742

Harmonies

Analogous

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



24.5773, 17.6301, 34.9235



26.2973, 17.6301, 20.4293



25.1256, 17.6301, 10.4128

Triad

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



26.2973, 17.6301, 20.4293



13.3148, 17.6301, 4.9988



12.6980, 17.6301, 46.2343

Complementary

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



26.2973, 17.6301, 20.4293



25.6551, 38.0889, 32.3875

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.



10.4894, 17.6301, 31.8982



26.2973, 17.6301, 20.4293



10.8010, 17.6301, 9.0826

Square

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



26.2973, 17.6301, 20.4293



17.1821, 17.6301, 4.0391



9.8580, 17.6301, 18.0137



16.3387, 17.6301, 53.2660

Rectangle

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



26.2973, 17.6301, 20.4293



22.9553, 17.6301, 6.6710



9.8580, 17.6301, 18.0137



11.7886, 17.6301, 41.8768

Sweetspot

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



26.2978, 17.6310, 20.4296



68.5023, 64.1998, 73.0240



23.0322, 15.3539, 47.0970



14.4611, 13.3519, 15.2550



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.2978, 17.6310, 20.4296



43.5249, 26.0346, 28.3523



25.1353, 18.4896, 10.2279



9.1465, 9.0690, 10.1190



14.4656, 7.3600, 5.0724



0.5407, 0.2717, 0.3405

Inverse Universe

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



26.2978, 17.6310, 20.4296



43.5249, 26.0346, 28.3523



27.2295, 35.4499, 50.7547



9.1465, 9.0690, 10.1190



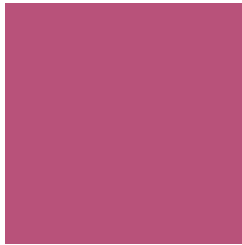
14.4656, 7.3600, 5.0724



0.5407, 0.2717, 0.3405

Previews

White Background



This preview shows how the XYZ color 26.2973, 17.6301, 20.4293 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 26.2973, 17.6301, 20.4293 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 26.2973, 17.6301, 20.4293

Background



This preview shows how black text looks on a background with the XYZ color 26.2973, 17.6301, 20.4293.



This preview shows how white text looks on a background with the XYZ color 26.2973, 17.6301,

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

26.2973, 17.6301, 20.4293

Protanopia

17.7589, 17.8535, 28.4967

Deuteranopia

18.0181, 17.6838, 19.2933



Tritanopia

24.8015, 17.7327, 12.7052

Trichromacy



Original Color

26.2973, 17.6301, 20.4293

Protanomaly

19.8047, 17.0532, 25.1694

Deuteranomaly

20.2939, 17.1306, 19.6897

Tritanomaly

25.3549, 17.7223, 15.1811

Monochromacy



Original Color

26.2973, 17.6301, 20.4293

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

19.2646, 16.8953, 19.6985

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2973, 17.6301, 20.4293 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(184, 82, 122)` looks like.

```
.text, #text, p{  
    color:rgb(184, 82, 122)  
}
```

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(184, 82, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 82, 122) }
```

Border

The CSS property to change the border of an element to XYZ 26.2973, 17.6301, 20.4293 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(184, 82, 122) }
```


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

```
.border{ border-color:rgb(184, 82, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 82, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 82, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 82, 122);  
box-shadow:4px 4px 4px 4px rgb(184, 82,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2973, 17.6301, 20.4293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 82, 122) }
```

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

```
.background{ background-color: rgb(184, 82,  
122) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor