

Converting Colors

XYZ(26.8987, 19.9763, 24.2068)

Have a look what the booklet for
XYZ(26.8987, 19.9763, 24.2068)
contains.

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Color

**XYZ(26.9868, 20.0546,
24.2784)**

Conversions

Conversions Part 1

Format	Color
Hex	B26384
RGB	178, 99, 132
RGB Percent	70%, 39%, 52%
CMY	0.3020, 0.6117, 0.4823
CMYK	0.00, 0.44, 0.26, 0.30
HSL	335°, 34%, 54%
HSV	335°, 44%, 70%
XYZ	26.9868, 20.0546, 24.2784
YIQ	126.3830, 36.4910, 27.0110

Conversions

Conversions Part 2

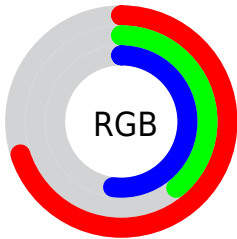
Format	Color
R _Y B	178, 99, 132
Decimal	11690884
CIE Lab	51.90, 35.96, -4.21
CIE LCh	52, 36.208, 353.321
Yxy	20.0546, 0.3784, 0.2812
Android (android.graphics.Color)	4289880964 (0xFFB26384)
YUV	126.3830, 2.7692, 45.2681
Hunter-Lab	44.7824, 29.1987, -0.7959

Details

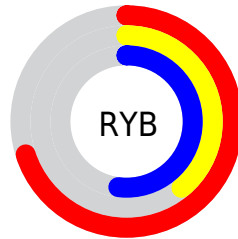
The XYZ color **26.9868, 20.0546, 24.2784** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **26.1777, 36.5383, 32.4627**, and the grayscale version is **19.9443, 20.9830, 22.8505**.

A 20% lighter version of the original color is **54.0845, 43.2982, 51.4058**, and **10.8280, 7.0321, 8.9702** is the 20% darker color. If you saturate the color by 10%, you get **24.8082, 16.7765, 20.2249**, and if you desaturate by 10%, it is **29.6087, 24.1062, 28.8278**.

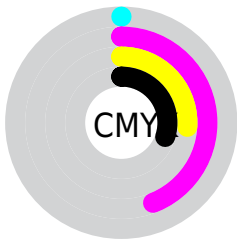
Distribution



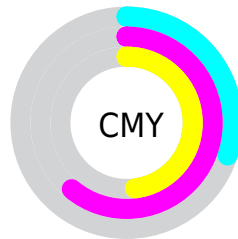
- Red (70%)
- Green (39%)
- Blue (52%)



- Red (70%)
- Yellow (39%)
- Blue (52%)



- Cyan (0%)
- Magenta (44%)
- Yellow (26%)
- Black (30%)



- Cyan (30%)
- Magenta (61%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9868, 20.0546, 24.2784 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 26.9868, 20.0546, 24.2784 by changing the saturation by 10% instead.

■ 26.9868, 20.0546,
24.2784

■ 26.9868, 20.0546,
24.2784

279.7619,
252.2105, 287.5567

■ 17.6998, 12.4347,
15.3262

■ 54.2827, 43.5087,
51.4336

■ 10.8331, 7.0405,
8.8995

■ 73.0224, 60.1117,
70.4737

■ 6.0212, 3.4874,
4.5797

■ 95.6437, 80.4780,
93.7135

■ 2.8987, 1.3912,
1.9485

■ 122.5120,
104.9917, 121.5715

■ 1.1004, 0.2102,
0.5233

153.9926,
134.0375, 154.4663

■ 0.0255, 0.0000,
0.0000

190.4509,

■ 0.0000, 0.0000,

167.9996, 192.8164

0.0000

232.2522,
207.2625, 237.0404

■ 26.9868, 20.0546,
24.2784

■ 26.9868, 20.0546,
24.2784

■ 24.8082, 16.7765,
20.2249

■ 29.6087, 24.1062,
28.8278

■ 23.0443, 14.2187,
16.6471

■ 32.6967, 28.9739,
33.8898

■ 21.6661, 12.3260,
13.5249


■ 36.2737, 34.7009,
39.4815


■ 20.6394, 11.0337,
10.8358


■ 40.3609, 41.3264,
45.6190


■ 19.9232, 10.2640,
8.5545


■ 44.9780, 48.8870,
52.3174

 19.6080, 9.9642,
7.4303

 50.1436, 57.4174,
59.5914

 55.8757, 66.9506,
67.4549

 62.1911, 77.5179,
75.9216

 67.7499, 86.4369,
84.5523

Harmonies

Analogous

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



25.3168, 20.0546, 36.3126



26.9868, 20.0546, 24.2784



26.3241, 20.0546, 14.7570

Triad

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



26.9868, 20.0546, 24.2784



16.3955, 20.0546, 8.0142



15.1400, 20.0546, 42.4497

Complementary

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



26.9868, 20.0546, 24.2784



26.1777, 36.5383, 32.4627

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.



13.2747, 20.0546, 30.8794



26.9868, 20.0546, 24.2784



13.9318, 20.0546, 11.8316

Square

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



26.9868, 20.0546, 24.2784



19.8960, 20.0546, 7.2611



12.8627, 20.0546, 19.5632



18.2502, 20.0546, 48.7751

Rectangle

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



26.9868, 20.0546, 24.2784



24.6855, 20.0546, 10.6762



12.8627, 20.0546, 19.5632



14.3637, 20.0546, 38.8956

Sweetspot

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



26.9874, 20.0556, 24.2788



66.5877, 64.2304, 72.8310



23.9595, 18.0475, 44.3403



14.4150, 13.6863, 15.6191



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



26.9874, 20.0556, 24.2788



45.1536, 30.6683, 36.9969



25.5902, 20.3213, 14.3792



8.6387, 8.5622, 9.5957



14.0596, 7.1414, 5.4741



0.4717, 0.2364, 0.3269

Inverse Universe

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



26.9874, 20.0556, 24.2788



45.1536, 30.6683, 36.9969



28.0746, 35.6525, 47.5216



8.6387, 8.5622, 9.5957



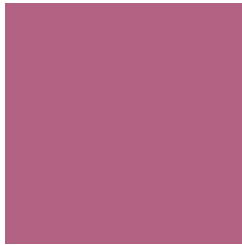
14.0596, 7.1414, 5.4741



0.4717, 0.2364, 0.3269

Previews

White Background



This preview shows how the XYZ color 26.9868, 20.0546, 24.2784 looks on a white background.

Color Contrast Check

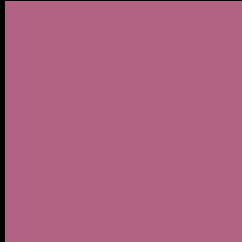
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9868, 20.0546, 24.2784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

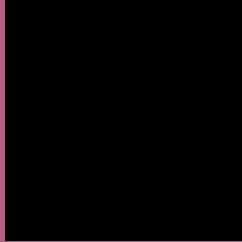
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.9868, 20.0546, 24.2784

Background



This preview shows how black text looks on a background with the XYZ color 26.9868, 20.0546, 24.2784.



This preview shows how white text looks on a background with the XYZ color 26.9868, 20.0546,

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

26.9868, 20.0546, 24.2784

Protanopia

19.9572, 20.1944, 30.4498

Deuteranopia

20.4443, 20.0598, 23.2165



Tritanopia

25.6240, 20.0783, 17.5639

Trichromacy



Original Color

26.9868, 20.0546, 24.2784

Protanomaly

21.7150, 19.5631, 28.2227

Deuteranomaly

22.3343, 19.6574, 23.3860

Tritanomaly

26.2126, 20.1818, 19.9667

Monochromacy



Original Color

26.9868, 20.0546, 24.2784

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.8187, 20.0690, 23.1458

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9868, 20.0546, 24.2784 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(178, 99, 132)` looks like.

```
.text, #text, p{  
    color:rgb(178, 99, 132)  
}
```

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(178, 99, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 99, 132) }
```

Border

The CSS property to change the border of an element to XYZ 26.9868, 20.0546, 24.2784 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(178, 99, 132) }
```


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

```
.border{ border-color:rgb(178, 99, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 99, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 99, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 99, 132); box-shadow:4px 4px 4px 4px rgb(178, 99, 132) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9868, 20.0546, 24.2784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 99, 132) }
```

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

```
.background{ background-color: rgb(178, 99,  
132) }
```

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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