

Converting Colors

XYZ(26.3493, 19.1675, 19.4287)

Have a look what the booklet for
XYZ(26.3493, 19.1675, 19.4287)
contains.

XYZ(26.3288, 19.1372, 19.4457)	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(26.3288, 19.1372,
19.4457)**

Conversions

Conversions Part 1

Format	Color
Hex	B55E76
RGB	181, 94, 118
RGB Percent	71%, 37%, 46%
CMY	0.2902, 0.6314, 0.5373
CMYK	0.00, 0.48, 0.35, 0.29
HSL	343°, 37%, 54%
HSV	343°, 48%, 71%
XYZ	26.3288, 19.1372, 19.4457
YIQ	122.7490, 44.1480, 25.9080

Conversions

Conversions Part 2

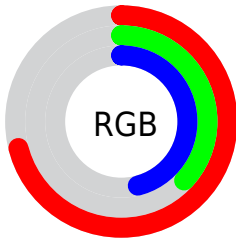
Format	Color
R_{YB}	181, 94, 118
Decimal	11886198
CIE _{Lab}	50.85, 37.80, 2.62
CIE _{LCh}	51, 37.893, 3.972
Yxy	19.1372, 0.4056, 0.2948
Android (android.graphics.Color)	4290076278 (0xFFB55E76)
YUV	122.7490, -2.3413, 51.0861
Hunter-Lab	43.7461, 30.8755, 4.2671

Details

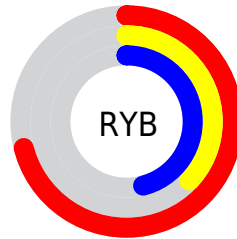
The XYZ color **26.3288, 19.1372, 19.4457** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **27.2268, 37.8623, 37.7736**, and the grayscale version is **18.7419, 19.7180, 21.4729**.

A 20% lighter version of the original color is **53.1312, 41.8108, 43.3002**, and **10.4636, 6.6035, 6.5175** is the 20% darker color. If you saturate the color by 10%, you get **24.1783, 15.9973, 15.1493**, and if you desaturate by 10%, it is **28.9660, 23.0770, 24.4388**.

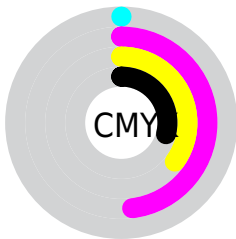
Distribution



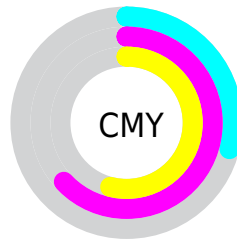
- Red (71%)
- Green (37%)
- Blue (46%)



- Red (71%)
- Yellow (37%)
- Blue (46%)



- Cyan (0%)
- Magenta (48%)
- Yellow (35%)
- Black (29%)



- Cyan (29%)
- Magenta (63%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3288, 19.1372, 19.4457 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 26.3288, 19.1372, 19.4457 by changing the saturation by 10% instead.

■ 26.3288, 19.1372,
19.4457

■ 26.3288, 19.1372,
19.4457

276.6196,
247.2051, 261.4026

■ 17.2037, 11.7695,
11.8127

■ 53.2324, 41.9658,
43.3326

■ 10.4761, 6.5869,
6.4953

■ 71.7417, 58.1955,
60.4235

■ 5.7804, 3.2051,
3.0749

■ 94.1098, 78.1479,
81.5042

■ 2.7514, 1.2397,
1.1330

■ 120.7021,
102.2074, 106.9932

■ 1.0237, 0.0938,
0.0000

151.8838,
130.7586, 137.3089

■ 0.0000, 0.0000,
0.0000

188.0204,

164.1856, 172.8701

229.4772,
202.8730, 214.0951

■ 26.3288, 19.1372,
19.4457

■ 26.3288, 19.1372,
19.4457

■ 24.1783, 15.9973,
15.1493

■ 28.9660, 23.0770,
24.4388

■ 22.4817, 13.5993,
11.5161

■ 32.1166, 27.8640,
30.1577

■ 21.2046, 11.8814,
8.5115


■ 35.8074, 33.5449,
36.6308

■ 20.3063, 10.7709,
6.0968


■ 40.0627, 40.1625,
43.8849


■ 19.7244, 10.1520,
4.2237


■ 44.9052, 47.7565,
51.9454

 19.6302, 10.0534,
3.9149

 50.3565, 56.3645,
60.8364

 56.4370, 66.0222,
70.5811

 63.1663, 76.7632,
81.2017

 69.9519, 87.3981,
92.5159

Harmonies

Analogous

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



25.4299, 19.1372, 31.2196



26.3288, 19.1372, 19.4457



24.8135, 19.1372, 11.3333

Triad

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



26.3288, 19.1372, 19.4457



14.4667, 19.1372, 8.0177



15.2185, 19.1372, 45.2988

Complementary

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



26.3288, 19.1372, 19.4457



27.2268, 37.8623, 37.7736

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.



12.8634, 19.1372, 34.5608



26.3288, 19.1372, 19.4457



12.4728, 19.1372, 13.0570

Square

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



26.3288, 19.1372, 19.4457



17.6968, 19.1372, 6.3236



11.9284, 19.1372, 22.2935



18.6910, 19.1372, 48.8005

Rectangle

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



26.3288, 19.1372, 19.4457



22.7453, 19.1372, 8.2435



11.9284, 19.1372, 22.2935



14.2864, 19.1372, 42.2699

Sweetspot

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



26.3293, 19.1382, 19.4461



66.9270, 64.4147, 70.4124



26.1221, 18.4456, 45.8997



14.1256, 13.3951, 14.6359



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.



26.3293, 19.1382, 19.4461



42.9951, 28.2088, 26.4947



26.9656, 22.4098, 13.4952



8.5895, 8.5425, 9.3367



13.5584, 6.9409, 2.8345



0.4519, 0.2285, 0.2223

Inverse Universe

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



26.3293, 19.1382, 19.4461



42.9951, 28.2088, 26.4947



25.9041, 31.6102, 48.4522



8.5895, 8.5425, 9.3367



13.5584, 6.9409, 2.8345



0.4519, 0.2285, 0.2223

Previews

White Background



This preview shows how the XYZ color 26.3288, 19.1372, 19.4457 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 26.3288, 19.1372, 19.4457 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 26.3288, 19.1372, 19.4457

Background



This preview shows how black text looks on a background with the XYZ color 26.3288, 19.1372, 19.4457.



This preview shows how white text looks on a background with the XYZ color 26.3288, 19.1372,

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

26.3288, 19.1372, 19.4457

Protanopia

18.8862, 19.3890, 25.3013

Deuteranopia

19.5519, 19.1717, 18.5896



Tritanopia

25.5958, 19.2522, 15.4637

Trichromacy



Original Color

26.3288, 19.1372, 19.4457

Protanomaly

20.7361, 18.6782, 22.9344

Deuteranomaly

21.5120, 18.8505, 18.7244

Tritanomaly

25.7656, 19.1732, 16.8108

Monochromacy



Original Color

26.3288, 19.1372, 19.4457

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.7470, 18.8981, 20.6434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3288, 19.1372, 19.4457 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(181, 94, 118)` looks like.

```
.text, #text, p{  
    color:rgb(181, 94, 118)  
}
```

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(181, 94, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 94, 118) }
```

Border

The CSS property to change the border of an element to XYZ 26.3288, 19.1372, 19.4457 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(181, 94, 118) }
```


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

```
.border{ border-color:rgb(181, 94, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 94, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 94, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 94, 118);  
box-shadow:4px 4px 4px 4px rgb(181, 94,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3288, 19.1372, 19.4457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 94, 118) }
```

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

```
.background{ background-color: rgb(181, 94,  
118) }
```

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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