

Converting Colors

XYZ(26.0030, 19.2964, 23.7505)

Have a look what the booklet for
XYZ(26.0030, 19.2964, 23.7505)
contains.

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Color

**XYZ(26.0506, 19.3020,
23.8254)**

Conversions

Conversions Part 1

Format	Color
Hex	AF6183
RGB	175, 97, 131
RGB Percent	69%, 38%, 51%
CMY	0.3137, 0.6196, 0.4863
CMYK	0.00, 0.45, 0.25, 0.31
HSL	334°, 33%, 53%
HSV	334°, 45%, 69%
XYZ	26.0506, 19.3020, 23.8254
YIQ	124.1980, 35.5740, 27.1100

Conversions

Conversions Part 2

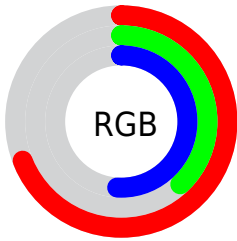
Format	Color
R_{YB}	175, 97, 131
Decimal	11493763
CIE _{Lab}	51.04, 35.83, -4.94
CIE _{LCh}	51, 36.164, 352.156
Yxy	19.3020, 0.3766, 0.2790
Android (android.graphics.Color)	4289683843 (0xFFAF6183)
YUV	124.1980, 3.3534, 44.5534
Hunter-Lab	43.9340, 28.9566, -1.3991

Details

The XYZ color **26.0506, 19.3020, 23.8254** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **25.0683, 35.1249, 30.6594**, and the grayscale version is **19.2055, 20.2057, 22.0040**.

A 20% lighter version of the original color is **52.6779, 42.1114, 50.6993**, and **10.2852, 6.6353, 8.7213** is the 20% darker color. If you saturate the color by 10%, you get **23.9708, 16.1627, 19.9868**, and if you desaturate by 10%, it is **28.5519, 23.1821, 28.1195**.

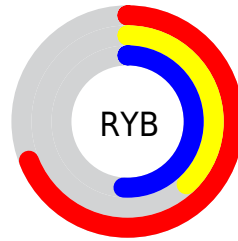
Distribution



Red (69%)

Green (38%)

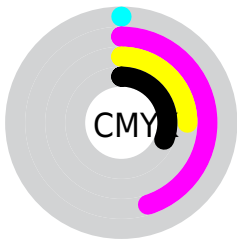
Blue (51%)



Red (69%)

Yellow (38%)

Blue (51%)

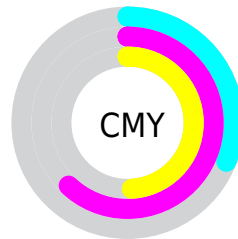


Cyan (0%)

Magenta (45%)

Yellow (25%)

Black (31%)



Cyan (31%)


Magenta (62%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0506, 19.3020, 23.8254 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 26.0506, 19.3020, 23.8254 by changing the saturation by 10% instead.


 26.0506, 19.3020,
23.8254


 26.0506, 19.3020,
23.8254


275.2825,
248.1109, 285.1946


 16.9944, 11.8887,
14.9932


 52.7873, 42.2438,
50.6854


 10.3258, 6.6679,
8.6680


 71.1985, 58.5411,
69.5502

 5.6794, 3.2553,
4.4314

 93.4587, 78.5685,
92.5963

 2.6899, 1.2664,
1.8649

 119.9332,
102.7104, 120.2422

 0.9920, 0.1150,
0.4703

150.9876,
131.3512, 152.9064

 0.0000, 0.0000,
0.0000

186.9870,

164.8753, 191.0075

228.2969,
203.6671, 234.9641

■ 26.0506, 19.3020,
23.8254

■ 26.0506, 19.3020,
23.8254

■ 23.9708, 16.1627,
19.9868

■ 28.5519, 23.1821,
28.1195

■ 22.2855, 13.7131,
16.5853

■ 31.4964, 27.8439,
32.8842

■ 20.9667, 11.9003,
13.6027


■ 34.9060, 33.3286,
38.1349


■ 19.9818, 10.6623,
11.0185


■ 38.8010, 39.6740,
43.8864


■ 19.2917, 9.9240,
8.8096


■ 43.1999, 46.9151,
50.1522

 18.9934, 9.6397,
7.7478

 48.1208, 55.0852,
56.9458

 53.5804, 64.2159,
64.2798

 59.5950, 74.3372,
72.1664

 66.1800, 85.4779,
80.6175

Harmonies

Analogous

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



24.3407, 19.3020, 35.5912



26.0506, 19.3020, 23.8254



25.4935, 19.3020, 14.4202

Triad

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



26.0506, 19.3020, 23.8254



15.8689, 19.3020, 7.5292



14.4362, 19.3020, 40.7608

Complementary

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



26.0506, 19.3020, 23.8254



25.0683, 35.1249, 30.6594

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.



12.6774, 19.3020, 29.3687



26.0506, 19.3020, 23.8254



13.4264, 19.3020, 11.0884

Square

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



26.0506, 19.3020, 23.8254



19.3022, 19.3020, 6.9056



12.3334, 19.3020, 18.4377



17.4219, 19.3020, 47.2421

Rectangle

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



26.0506, 19.3020, 23.8254



23.9406, 19.3020, 10.3624



12.3334, 19.3020, 18.4377



13.6988, 19.3020, 37.2313

Sweetspot

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



26.0512, 19.3029, 23.8258



63.4016, 61.1268, 69.6300



22.8117, 17.2123, 42.6776



13.7746, 13.0725, 14.9987



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



26.0512, 19.3029, 23.8258



43.1520, 29.2752, 36.2203



24.4815, 19.2659, 13.7388



8.1448, 8.0712, 9.0732



13.6316, 6.9152, 5.7054



0.4070, 0.2035, 0.3051

Inverse Universe

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



26.0512, 19.3029, 23.8258



43.1520, 29.2752, 36.2203



27.2500, 34.8006, 45.8385



8.1448, 8.0712, 9.0732



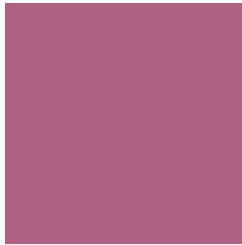
13.6316, 6.9152, 5.7054



0.4070, 0.2035, 0.3051

Previews

White Background



This preview shows how the XYZ color 26.0506, 19.3020, 23.8254 looks on a white background.

Color Contrast Check

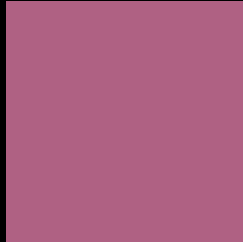
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0506, 19.3020, 23.8254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

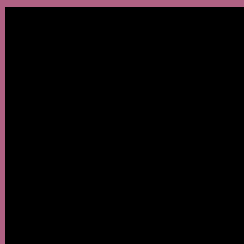
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.0506, 19.3020, 23.8254

Background



This preview shows how black text looks on a background with the XYZ color 26.0506, 19.3020, 23.8254.



This preview shows how white text looks on a background with the XYZ color 26.0506, 19.3020,

23.8254.

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

26.0506, 19.3020, 23.8254

Protanopia

19.3618, 19.5320, 29.9437

Deuteranopia

19.6693, 19.3145, 22.7701



Tritanopia

24.6476, 19.2957, 16.8934

Trichromacy



Original Color

26.0506, 19.3020, 23.8254

Protanomaly

21.0831, 18.9147, 27.7390

Deuteranomaly

21.5048, 18.9134, 22.9393

Tritanomaly

25.2236, 19.3974, 19.2443

Monochromacy



Original Color

26.0506, 19.3020, 23.8254

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

21.1758, 19.4066, 22.7084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0506, 19.3020, 23.8254 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(175, 97, 131)` looks like.

```
.text, #text, p{  
    color:rgb(175, 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(175, 97, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 97, 131) }
```

Border

The CSS property to change the border of an element to XYZ 26.0506, 19.3020, 23.8254 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(175, 97, 131) }
```


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

```
.border{ border-color:rgb(175, 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(175, 97, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 97, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 97, 131); box-shadow:4px 4px 4px 4px rgb(175, 97, 131) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0506, 19.3020, 23.8254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 97, 131) }
```

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

```
.background{ background-color: rgb(175, 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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