

# Converting Colors

XYZ(30.0266, 26.2039, 19.3949)

Have a look what the booklet for  
XYZ(30.0266, 26.2039, 19.3949)  
contains.

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# Color

**XYZ(30.0266, 26.2039,  
19.3949)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B77E72
RGB	183, 126, 114
RGB Percent	72%, 49%, 45%
CMY	0.2824, 0.5059, 0.5529
CMYK	0.00, 0.31, 0.38, 0.28
HSL	10°, 32%, 58%
HSV	10°, 38%, 72%
XYZ	30.0266, 26.2039, 19.3949
YIQ	141.6750, 37.8240, 8.3520

# Conversions

## Conversions Part 2

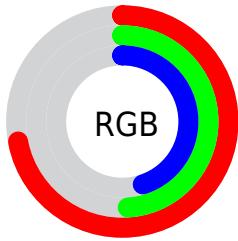
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	183, 129, 114
Decimal	12025458
CIE Lab	58.23, 20.58, 15.45
CIE LCh	58, 25.732, 36.906
Yxy	26.2039, 0.3970, 0.3465
Android (android.graphics.Color)	4290215538 (0xFFB77E72)
YUV	141.6750, -13.6438, 36.2420
Hunter-Lab	51.1897, 15.1215, 13.3689

# Details

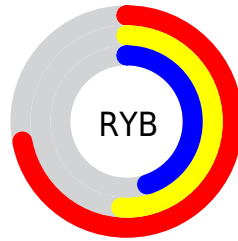
The XYZ color **30.0266, 26.2039, 19.3949** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.0491, 36.1209, 50.1881**, and the grayscale version is **25.6251, 26.9596, 29.3590**.

A 20% lighter version of the original color is **58.9382, 53.5186, 43.3001**, and **12.4699, 10.1514, 6.4564** is the 20% darker color. If you saturate the color by 10%, you get **27.2983, 22.2509, 13.8504**, and if you desaturate by 10%, it is **33.2567, 30.8270, 26.1354**.

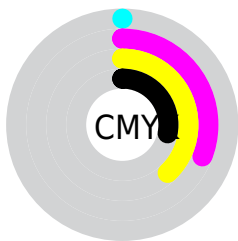
# Distribution



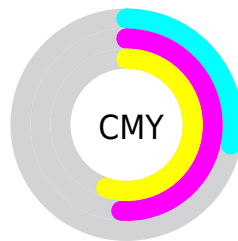
- Red (72%)
- Green (49%)
- Blue (45%)



- Red (72%)
- Yellow (51%)
- Blue (45%)



- Cyan (0%)
- Magenta (31%)
- Yellow (38%)
- Black (28%)




- Cyan (28%)
- Magenta (51%)
- Yellow (55%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0266, 26.2039, 19.3949 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 30.0266, 26.2039, 19.3949 by changing the saturation by 10% instead.





 30.0266, 26.2039,  
19.3949


 30.0266, 26.2039,  
19.3949


293.9360,  
283.7816, 261.1152


 20.0070, 16.9762,  
11.7763


 59.0906, 53.6037,  
43.2459


 12.5084, 10.2176,  
6.4708

 78.8656, 72.5446,  
60.3153

 7.1656, 5.5434,  
3.0601


 102.6232, 95.4921,  
81.3721

 3.6131, 2.5695,  
1.1254

 130.7286,  
122.8305, 106.8348

 1.4857, 0.9114,  
0.0000

163.5472,  
154.9443, 137.1219

 0.3161, 0.0000,  
0.0000

201.4444,

 0.0000, 0.0000,

192.2178, 172.6520

0.0000

244.7856,  
235.0354, 213.8436

■ 30.0266, 26.2039,  
19.3949

■ 30.0266, 26.2039,  
19.3949

■ 27.2983, 22.2509,  
13.8504

■ 33.2567, 30.8270,  
26.1354

■ 25.0443, 18.9330,  
9.4301

■ 37.0104, 36.1455,  
34.1347

■ 23.2374, 16.2179,  
6.0571


■ 41.3105, 42.1879,  
43.4533

■ 21.8467, 14.0688,  
3.6438


■ 46.1779, 48.9801,  
54.1470


■ 20.8369, 12.4447,  
2.0885


■ 51.6322, 56.5467,  
66.2686


 20.1616, 11.2967,  
1.2385

 57.6925, 64.9112,  
79.8682

 20.0406, 11.0915,  
1.0846

 64.3766, 74.0959,  
94.9931

 70.8197, 83.7697,  
107.0443

 73.3385, 88.8073,  
107.8839

# Harmonies

## Analogous

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



31.3604, 26.2039, 26.5121



30.0266, 26.2039, 19.3949



27.3382, 26.2039, 15.4486

# Triad

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



30.0266, 26.2039, 19.3949



19.7774, 26.2039, 22.2996



25.6355, 26.2039, 49.2530

# Complementary

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



30.0266, 26.2039, 19.3949



30.0491, 36.1209, 50.1881

# 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.



22.6226, 26.2039, 47.4699



30.0266, 26.2039, 19.3949



19.4042, 26.2039, 30.6511

# Square

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



30.0266, 26.2039, 19.3949



21.4691, 26.2039, 16.8643



20.4034, 26.2039, 40.1636



28.6915, 26.2039, 44.6236



# Rectangle

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



30.0266, 26.2039, 19.3949



25.2318, 26.2039, 14.5664



20.4034, 26.2039, 40.1636



24.5830, 26.2039, 49.3967

# Sweetspot

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



30.0273, 26.2052, 19.3954



71.1949, 71.6446, 71.7462



32.9444, 25.0616, 41.8796



15.4930, 15.4985, 15.3435



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.



30.0273, 26.2052, 19.3954



49.7806, 41.1479, 26.5902



35.1367, 36.4240, 21.0986



9.1276, 9.2581, 9.4128



14.0167, 7.8098, 0.7687



0.5332, 0.3535, 0.0401



# Inverse Universe

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



30.0491, 36.1209, 50.1881



49.8037, 61.3498, 89.4525



24.4326, 24.8879, 48.3160



9.1302, 9.9376, 11.5164



13.7458, 17.9514, 33.9936



0.5200, 0.7037, 1.2102



# Previews

## White Background



This preview shows how the XYZ color 30.0266, 26.2039, 19.3949 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

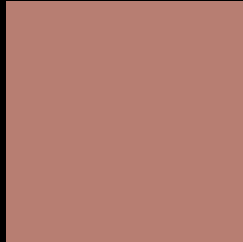
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 30.0266, 26.2039, 19.3949 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 30.0266, 26.2039, 19.3949**

## **Background**



This preview shows how black text looks on a background with the XYZ color 30.0266, 26.2039, 19.3949.



This preview shows how white text looks on a background with the XYZ color 30.0266, 26.2039,



# 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

30.0266, 26.2039, 19.3949

### Protanopia

24.8619, 26.3397, 21.8629

### Deuteranopia

26.6929, 26.2843, 18.9958



## Tritanopia

31.3242, 26.1737, 25.5914

# Trichromacy



## Original Color

30.0266, 26.2039, 19.3949

## Protanomaly

26.4312, 26.1095, 20.7861

## Deuteranomaly

27.8095, 26.2408, 19.2221

## Tritanomaly

30.7407, 26.1120, 23.1586

# Monochromacy



## Original Color

30.0266, 26.2039, 19.3949

## Achromatopsia

25.7108, 27.0498, 29.4572

## Achromatomaly

26.8736, 26.4424, 25.5173

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 30.0266, 26.2039, 19.3949 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(183, 126, 114)` looks like.

```
.text, #text, p{  
    color:rgb(183, 126, 114)  
}
```

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(183, 126, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 126, 114) }
```

## Border

The CSS property to change the border of an element to XYZ 30.0266, 26.2039, 19.3949 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(183, 126, 114) }
```



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

```
.border{ border-color:rgb(183, 126, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 126, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 126, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 126, 114);  
box-shadow:4px 4px 4px 4px rgb(183, 126,  
114) }
```

# Background

The CSS property to change the background color of an element to XYZ 30.0266, 26.2039, 19.3949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 126, 114) }
```

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

```
.background{ background-color: rgb(183,  
126, 114) }
```

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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