

# Converting Colors

XYZ(26.4052, 19.6790, 8.8853)

Have a look what the booklet for  
XYZ(26.4052, 19.6790, 8.8853)  
contains.

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# Color

**XYZ(26.4052, 19.6790,  
8.8853)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD604A
RGB	189, 96, 74
RGB Percent	74%, 38%, 29%
CMY	0.2588, 0.6235, 0.7098
CMYK	0.00, 0.49, 0.61, 0.26
HSL	11°, 47%, 52%
HSV	11°, 61%, 74%
XYZ	26.4052, 19.6790, 8.8853
YIQ	121.2990, 62.4900, 12.8740

# Conversions

## Conversions Part 2

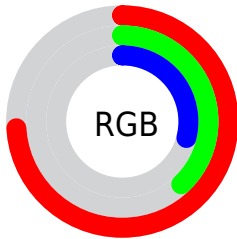
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 101, 74
Decimal	12410954
CIE Lab	51.47, 35.42, 29.58
CIE LCh	51, 46.151, 39.865
Yxy	19.6790, 0.4804, 0.3580
Android (android.graphics.Color)	4290601034 (0xFFBD604A)
YUV	121.2990, -23.3184, 59.3738
Hunter-Lab	44.3610, 28.6175, 19.1772

# Details

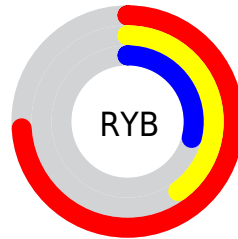
The XYZ color **26.4052, 19.6790, 8.8853** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **25.8271, 32.7655, 53.1070**, and the grayscale version is **18.3303, 19.2849, 21.0013**.

A 20% lighter version of the original color is **53.2320, 42.7496, 24.1848**, and **10.5588, 6.8680, 1.9315** is the 20% darker color. If you saturate the color by 10%, you get **24.6001, 16.9393, 5.6002**, and if you desaturate by 10%, it is **28.6737, 23.0395, 13.2688**.

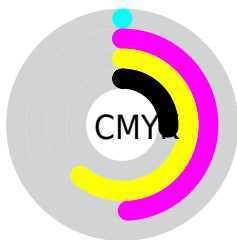
# Distribution



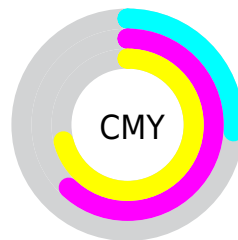
- Red (74%)
- Green (38%)
- Blue (29%)



- Red (74%)
- Yellow (40%)
- Blue (29%)



- Cyan (0%)
- Magenta (49%)
- Yellow (61%)
- Black (26%)




- Cyan (26%)
- Magenta (62%)
- Yellow (71%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4052, 19.6790, 8.8853 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 26.4052, 19.6790, 8.8853 by changing the saturation by 10% instead.





 26.4052, 19.6790,  
8.8853


 26.4052, 19.6790,  
8.8853


276.9859,  
250.1720, 192.7064

 17.2613, 12.1619,  
4.5707


 53.3546, 42.8783,  
24.2508

 10.5174, 6.8541,  
1.9433


 71.8907, 59.3294,  
36.1387


 5.8082, 3.3710,  
0.5201

 94.2884, 79.5272,  
51.3881

 2.7684, 1.3283,  
0.0000

 120.9128,  
103.8563, 70.4175

 1.0325, 0.1630,  
0.0000

 152.1294,  
132.7009, 93.6455

 0.0000, 0.0000,  
0.0000

188.3036,

166.4454, 121.4906

229.8006,  
205.4743, 154.3714

■ 26.4052, 19.6790,  
8.8853

■ 26.4052, 19.6790,  
8.8853

■ 24.6001, 16.9393,  
5.6002

■ 28.6737, 23.0395,  
13.2688

■ 23.2233, 14.7786,  
3.3138

■ 31.4341, 27.0529,  
18.8362

■ 22.2370, 13.1547,  
1.9098

■ 34.7143, 31.7527,  
25.6659

■ 21.6221, 12.0905,  
1.1941

■ 38.5398, 37.1692,  
33.8291

■ 42.9341, 43.3311,  
43.3918

■ 47.9194, 50.2651,  
54.4155

■ 53.5170, 57.9969,  
66.9582

■ 59.7466, 66.5509,  
81.0745

■ 66.6275, 75.9503,  
96.8164

# Harmonies

## Analogous

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



28.9201, 19.6790, 17.3481



26.4052, 19.6790, 8.8853



21.9400, 19.6790, 5.2949

# Triad

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



26.4052, 19.6790, 8.8853



11.5278, 19.6790, 13.7929



20.2718, 19.6790, 57.6510

# Complementary

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



26.4052, 19.6790, 8.8853



25.8271, 32.7655, 53.1070

# 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.



15.8035, 19.6790, 55.3956



26.4052, 19.6790, 8.8853



11.2316, 19.6790, 26.1000

# Square

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



26.4052, 19.6790, 8.8853



13.5576, 19.6790, 7.2085



12.6683, 19.6790, 42.2822



25.0121, 19.6790, 47.5663



# Rectangle

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



26.4052, 19.6790, 8.8853



18.7253, 19.6790, 4.7046



12.6683, 19.6790, 42.2822



18.6834, 19.6790, 58.3834

# Sweetspot

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



26.4057, 19.6800, 8.8857



70.9396, 69.2644, 64.7261



30.4951, 18.5405, 38.9765



14.7872, 14.2363, 12.9078



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438



# Same Dimension

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



26.4057, 19.6800, 8.8857



43.1578, 28.9413, 8.4807



33.5454, 33.9595, 11.2656



9.6740, 9.8240, 9.9630



14.5909, 8.2206, 0.8177



0.6167, 0.4122, 0.0471



# Inverse Universe

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



25.8271, 32.7655, 53.1070



41.9004, 54.1344, 94.4668



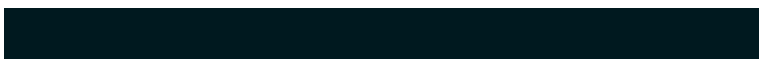
17.6305, 16.3721, 50.3748



9.6492, 10.4908, 12.1886



13.8795, 17.8707, 35.1108

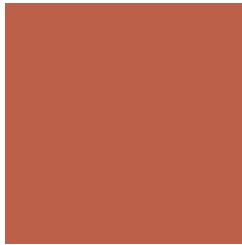


0.5843, 0.7812, 1.3889



# Previews

## White Background



This preview shows how the XYZ color 26.4052, 19.6790, 8.8853 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

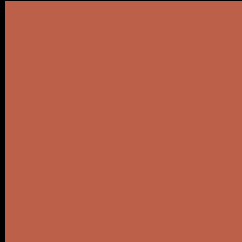
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 26.4052, 19.6790, 8.8853 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 26.4052, 19.6790, 8.8853**

## **Background**



This preview shows how black text looks on a background with the XYZ color 26.4052, 19.6790, 8.8853.



This preview shows how white text looks on a background with the XYZ color 26.4052, 19.6790,



# 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

26.4052, 19.6790, 8.8853

### Protanopia

18.3955, 19.8083, 11.4482

### Deuteranopia

20.1616, 19.8831, 8.5695



## Tritanopia

27.6523, 19.8059, 14.1699

# Trichromacy



## Original Color

26.4052, 19.6790, 8.8853

## Protanomaly

20.5272, 19.1766, 10.4041

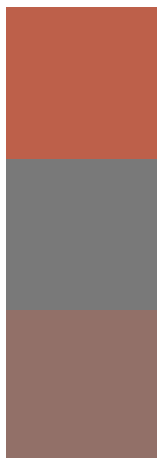
## Deuteranomaly

22.0231, 19.4993, 8.5642

## Tritanomaly

27.0834, 19.6907, 12.0461

# Monochromacy



## Original Color

26.4052, 19.6790, 8.8853

## Achromatopsia

18.1737, 19.1202, 20.8219

## Achromatomaly

20.1469, 18.6988, 15.6441

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 26.4052, 19.6790, 8.8853 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(189, 96, 74)` looks like.

```
.text, #text, p{  
    color:rgb(189, 96, 74)  
}
```

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(189, 96, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 96, 74) }
```

## Border

The CSS property to change the border of an element to XYZ 26.4052, 19.6790, 8.8853 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(189, 96, 74) }
```



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

```
.border{ border-color:rgb(189, 96, 74) }
```

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

Here you see how a box with a 4 pixel rgb(189, 96, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 96, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 96, 74);  
box-shadow:4px 4px 4px 4px rgb(189, 96,  
74) }
```

# Background

The CSS property to change the background color of an element to XYZ 26.4052, 19.6790, 8.8853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 96, 74) }
```

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

```
.background{ background-color: rgb(189, 96,  
74) }
```

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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