

Converting Colors

XYZ(26.6373, 21.5301, 4.7785)

Have a look what the booklet for
XYZ(26.6373, 21.5301, 4.7785)
contains.

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Color

**XYZ(26.6270, 21.4874,
4.7516)**

Conversions

Conversions Part 1

Format	Color
Hex	BD6B28
RGB	189, 107, 40
RGB Percent	74%, 42%, 16%
CMY	0.2588, 0.5804, 0.8431
CMYK	0.00, 0.43, 0.79, 0.26
HSL	27°, 65%, 45%
HSV	27°, 79%, 74%
XYZ	26.6270, 21.4874, 4.7516
YIQ	123.8800, 70.3790, -3.4530

Conversions

Conversions Part 2

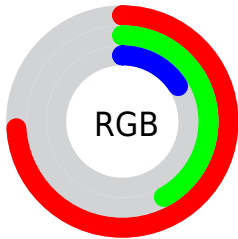
Format	Color
R_{YB}	189, 162, 40
Decimal	12413736
CIE Lab	53.48, 27.69, 49.38
CIE LCh	53, 56.609, 60.721
Yxy	21.4874, 0.5037, 0.4065
Android (android.graphics.Color)	4290603816 (0xFFBD6B28)
YUV	123.8800, -41.3528, 57.1102
Hunter-Lab	46.3545, 21.4138, 26.3706

Details

The XYZ color **26.6270, 21.4874, 4.7516** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **17.0195, 18.0435, 50.7296**, and the grayscale version is **19.2358, 20.2375, 22.0387**.

A 20% lighter version of the original color is **53.6679, 45.8585, 15.6958**, and **10.7190, 7.7719, 0.9352** is the 20% darker color. If you saturate the color by 10%, you get **25.3607, 19.3498, 3.1127**, and if you desaturate by 10%, it is **28.1818, 23.9510, 7.2621**.

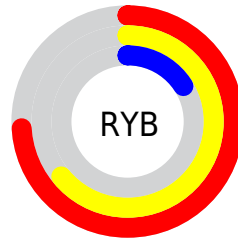
Distribution



Red (74%)

Green (42%)

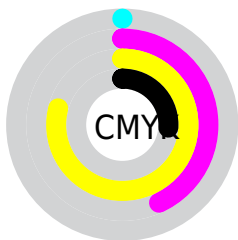
Blue (16%)



Red (74%)

Yellow (64%)

Blue (16%)

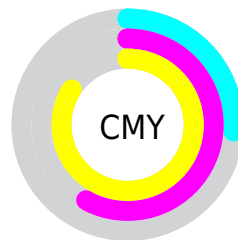


Cyan (0%)

Magenta (43%)

Yellow (79%)

Black (26%)



Cyan (26%)


Magenta (58%)


Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6270, 21.4874, 4.7516 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 26.6270, 21.4874, 4.7516 by changing the saturation by 10% instead.

 26.6270, 21.4874,
4.7516


 26.6270, 21.4874,
4.7516


278.0472,
259.8575, 156.2452


 17.4284, 13.4807,
2.0461


 53.7089, 45.8973,
15.7091


 10.6376, 7.7604,
0.5834


 72.3229, 63.0693,
24.7982

 5.8892, 3.9420,
0.0000

 94.8060, 84.0653,
36.8522

 2.8178, 1.6412,
0.0000

 121.5238,
109.2695, 52.2897

 1.0582, 0.3851,
0.0000

 152.8414,
139.0665, 71.5292

 0.0000, 0.0000,
0.0000

 189.1242,

173.8406, 94.9892

230.7377,
213.9761, 123.0884

■ 26.6270, 21.4874,
4.7516

■ 26.6270, 21.4874,
4.7516

■ 25.3607, 19.3498,
3.1127

■ 28.1818, 23.9510,
7.2621

■ 24.3423, 17.5118,
2.1604

■ 30.0483, 26.7541,
10.7510

■ 24.2340, 17.3145,
2.0648

■ 32.2483, 29.9130,
15.3107

■ 34.8011, 33.4417,
21.0227

■ 37.7241, 37.3535,
27.9600

■ 41.0336, 41.6608,
36.1901

■ 44.7447, 46.3752,
45.7751

■ 48.8717, 51.5079,
56.7731

■ 53.4282, 57.0698,
69.2391

Harmonies

Analogous

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



32.0849, 21.4874, 10.2131



26.6270, 21.4874, 4.7516



20.2777, 21.4874, 3.4335

Triad

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



26.6270, 21.4874, 4.7516



10.8934, 21.4874, 23.8160



26.9294, 21.4874, 65.0626

Complementary

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



26.6270, 21.4874, 4.7516



17.0195, 18.0435, 50.7296

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.



20.5692, 21.4874, 74.7028



26.6270, 21.4874, 4.7516



11.9971, 21.4874, 44.7605

Square

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



26.6270, 21.4874, 4.7516



11.8952, 21.4874, 10.6348



15.2665, 21.4874, 65.8915



32.2823, 21.4874, 43.6556

Rectangle

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



26.6270, 21.4874, 4.7516



16.5933, 21.4874, 4.0649



15.2665, 21.4874, 65.8915



24.8011, 21.4874, 70.1519

Sweetspot

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



26.6275, 21.4885, 4.7520



70.1152, 70.2452, 56.3444



25.4107, 13.8028, 20.5380



14.6361, 14.5273, 11.0289



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.



26.6275, 21.4885, 4.7520



43.9947, 32.0845, 4.2297



37.5026, 43.2388, 8.3770



9.8739, 10.2238, 10.0296



16.3796, 11.7980, 1.4139



0.7069, 0.5928, 0.0772

Inverse Universe

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



17.0195, 18.0435, 50.7296



26.0160, 25.4805, 89.7733



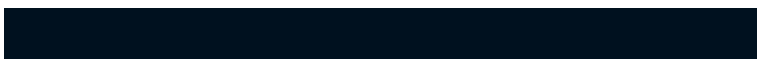
11.1983, 6.4010, 48.7892



9.4399, 10.0722, 12.1188



9.5886, 9.2890, 33.6805



0.4400, 0.4928, 1.3408

Previews

White Background



This preview shows how the XYZ color 26.6270, 21.4874, 4.7516 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 26.6270, 21.4874, 4.7516 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 26.6270, 21.4874, 4.7516

Background



This preview shows how black text looks on a background with the XYZ color 26.6270, 21.4874, 4.7516.



This preview shows how white text looks on a background with the XYZ color 26.6270, 21.4874,

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

26.6270, 21.4874, 4.7516

Protanopia

19.6711, 21.7374, 5.7437

Deuteranopia

21.9608, 21.6175, 4.6052



Tritanopia

28.9492, 21.3823, 16.5113

Trichromacy



Original Color

26.6270, 21.4874, 4.7516

Protanomaly

21.7892, 21.3302, 5.3516

Deuteranomaly

23.4898, 21.5141, 4.6648

Tritanomaly

27.8974, 21.4014, 10.8441

Monochromacy



Original Color

26.6270, 21.4874, 4.7516

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.6670, 20.0431, 13.1354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6270, 21.4874, 4.7516 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, 107, 40)` looks like.

```
.text, #text, p{  
    color:rgb(189, 107, 40)  
}
```

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, 107, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 107, 40) }
```

Border

The CSS property to change the border of an element to XYZ 26.6270, 21.4874, 4.7516 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, 107, 40) }
```


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

```
.border{ border-color:rgb(189, 107, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 107, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 107, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 107, 40);  
box-shadow:4px 4px 4px 4px rgb(189, 107,  
40) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6270, 21.4874, 4.7516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 107, 40) }
```

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

```
.background{ background-color: rgb(189,  
107, 40) }
```

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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