

Converting Colors

XYZ(26.4272, 20.8588, 7.7875)

Have a look what the booklet for
XYZ(26.4272, 20.8588, 7.7875)
contains.

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Color

**XYZ(26.4272, 20.8588,
7.7875)**

Conversions

Conversions Part 1

Format	Color
Hex	BB6842
RGB	187, 104, 66
RGB Percent	73%, 41%, 26%
CMY	0.2667, 0.5921, 0.7412
CMYK	0.00, 0.44, 0.65, 0.27
HSL	19°, 48%, 50%
HSV	19°, 65%, 73%
XYZ	26.4272, 20.8588, 7.7875
YIQ	124.4850, 61.6660, 5.7780

Conversions

Conversions Part 2

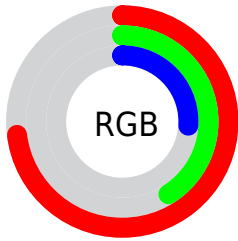
Format	Color
RYB	187, 121, 66
Decimal	12281922
CIELab	52.79, 29.81, 35.59
CIELCh	53, 46.430, 50.049
Yxy	20.8588, 0.4799, 0.3787
Android (android.graphics.Color)	4290472002 (0xFFBB6842)
YUV	124.4850, -28.8331, 54.8257
Hunter-Lab	45.6714, 23.3618, 21.8604

Details

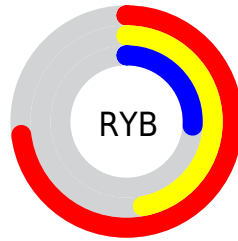
The XYZ color **26.4272, 20.8588, 7.7875** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **21.9630, 26.2393, 50.9205**, and the grayscale version is **19.3998, 20.4101, 22.2266**.

A 20% lighter version of the original color is **53.3408, 44.7889, 22.0534**, and **10.5457, 7.4500, 1.5440** is the 20% darker color. If you saturate the color by 10%, you get **24.7690, 18.2853, 4.9452**, and if you desaturate by 10%, it is **28.4630, 23.8994, 11.6450**.

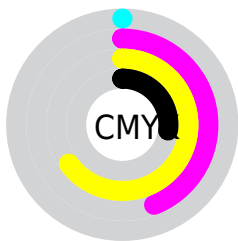
Distribution



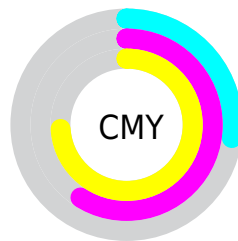
- Red (73%)
- Green (41%)
- Blue (26%)



- Red (73%)
- Yellow (47%)
- Blue (26%)



- Cyan (0%)
- Magenta (44%)
- Yellow (65%)
- Black (27%)




- Cyan (27%)
- Magenta (59%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4272, 20.8588, 7.7875 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 26.4272, 20.8588, 7.7875 by changing the saturation by 10% instead.


 26.4272, 20.8588,
7.7875


 26.4272, 20.8588,
7.7875


277.0913,
256.5271, 183.9276


 17.2779, 13.0208,
3.8735


 53.3897, 44.8524,
22.0800


 10.5293, 7.4429,
1.5562


 71.9336, 61.7769,
33.2956

 5.8162, 3.7406,
0.2593

 94.3398, 82.4989,
47.7821

 2.7733, 1.5295,
0.0000

 120.9735,
107.4030, 65.9581

 1.0350, 0.3094,
0.0000

 152.2001,
136.8734, 88.2421

 0.0000, 0.0000,
0.0000

188.3851,

171.2947, 115.0527

229.8937,
211.0511, 146.8083

■ 26.4272, 20.8588,
7.7875

■ 26.4272, 20.8588,
7.7875

■ 24.7690, 18.2853,
4.9452

■ 28.4630, 23.8994,
11.6450

■ 23.4598, 16.1506,
3.0176

■ 30.8990, 27.4267,
16.6030

■ 22.4683, 14.4278,
1.8849

■ 33.7578, 31.4630,
22.7389

■ 22.0438, 13.6655,
1.4759

■ 37.0595, 36.0284,
30.1226

■ 40.8231, 41.1416,
38.8187

■ 45.0661, 46.8204,
48.8872

■ 49.8053, 53.0819,
60.3844

■ 55.0566, 59.9423,
73.3636

■ 60.8353, 67.4173,
87.8749

Harmonies

Analogous

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



29.9241, 20.8588, 14.7405



26.4272, 20.8588, 7.7875



21.4790, 20.8588, 5.2686

Triad

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



26.4272, 20.8588, 7.7875



11.9949, 20.8588, 18.4073



23.1927, 20.8588, 58.1094

Complementary

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



26.4272, 20.8588, 7.7875



21.9630, 26.2393, 50.9205

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.



18.2594, 20.8588, 60.4119



26.4272, 20.8588, 7.7875



12.3009, 20.8588, 33.1369

Square

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



26.4272, 20.8588, 7.7875



13.5092, 20.8588, 9.5294



14.4267, 20.8588, 49.9066



27.8560, 20.8588, 44.5040

Rectangle

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



26.4272, 20.8588, 7.7875



18.2447, 20.8588, 5.2716



14.4267, 20.8588, 49.9066



21.4954, 20.8588, 60.3968

Sweetspot

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



26.4277, 20.8599, 7.7879



69.9077, 69.3466, 62.0581



28.0032, 16.6859, 30.8953



14.9736, 14.6979, 12.6959



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.



26.4277, 20.8599, 7.7879



43.2188, 30.9124, 7.0927



34.5385, 37.0814, 10.4915



9.7681, 10.0123, 9.9944



15.2463, 9.5313, 1.0362



0.6574, 0.4938, 0.0607

Inverse Universe

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



21.9630, 26.2393, 50.9205



34.4613, 41.0167, 90.3021



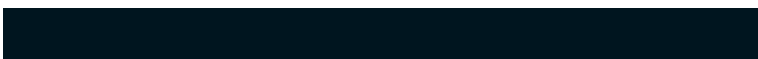
14.8895, 12.0923, 48.5627



9.5489, 10.2902, 12.1551



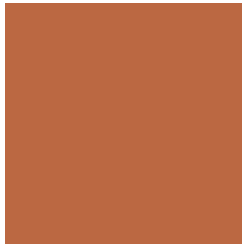
11.5894, 13.2906, 34.3474



0.5100, 0.6327, 1.3641

Previews

White Background



This preview shows how the XYZ color 26.4272, 20.8588, 7.7875 looks on a white background.

Color Contrast Check

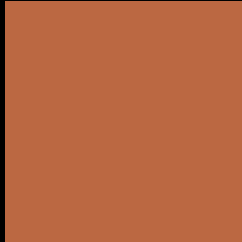
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4272, 20.8588, 7.7875 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 26.4272, 20.8588, 7.7875

Background



This preview shows how black text looks on a background with the XYZ color 26.4272, 20.8588, 7.7875.



This preview shows how white text looks on a background with the XYZ color 26.4272, 20.8588,

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

26.4272, 20.8588, 7.7875

Protanopia

19.4729, 21.1621, 9.5369

Deuteranopia

21.2963, 20.8487, 7.4592



Tritanopia

28.0496, 20.7831, 16.1688

Trichromacy



Original Color

26.4272, 20.8588, 7.7875

Protanomaly

21.4445, 20.7165, 8.8297

Deuteranomaly

22.8509, 20.6090, 7.4762

Tritanomaly

27.2810, 20.7541, 12.4656

Monochromacy



Original Color

26.4272, 20.8588, 7.7875

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.8421, 19.9049, 15.5755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4272, 20.8588, 7.7875 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(187, 104, 66)` looks like.

```
.text, #text, p{  
    color:rgb(187, 104, 66)  
}
```

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(187, 104, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 104, 66) }
```

Border

The CSS property to change the border of an element to XYZ 26.4272, 20.8588, 7.7875 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(187, 104, 66) }
```


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

```
.border{ border-color:rgb(187, 104, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 104, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 104, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 104, 66);  
box-shadow:4px 4px 4px 4px rgb(187, 104,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4272, 20.8588, 7.7875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 104, 66) }
```

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

```
.background{ background-color: rgb(187,  
104, 66) }
```

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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