

Converting Colors

XYZ(26.5628, 20.5064, 7.7195)

Have a look what the booklet for
XYZ(26.5628, 20.5064, 7.7195)
contains.

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Color

**XYZ(26.6233, 20.5195,
7.7117)**

Conversions

Conversions Part 1

Format	Color
Hex	BD6542
RGB	189, 101, 66
RGB Percent	74%, 40%, 26%
CMY	0.2588, 0.6039, 0.7412
CMYK	0.00, 0.47, 0.65, 0.26
HSL	17°, 48%, 50%
HSV	17°, 65%, 74%
XYZ	26.6233, 20.5195, 7.7117
YIQ	123.3220, 63.6830, 7.7710

Conversions

Conversions Part 2

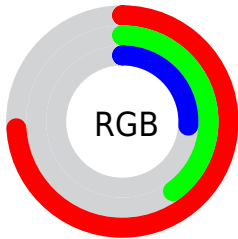
Format	Color
R_{YB}	189, 115, 66
Decimal	12412226
CIE Lab	52.42, 32.24, 35.22
CIE LCh	52, 47.743, 47.530
Yxy	20.5195, 0.4853, 0.3741
Android (android.graphics.Color)	4290602306 (0xFFBD6542)
YUV	123.3220, -28.2597, 57.5996
Hunter-Lab	45.2985, 25.6377, 21.6153

Details

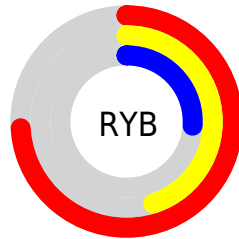
The XYZ color **26.6233, 20.5195, 7.7117** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **22.9869, 27.9419, 52.3256**, and the grayscale version is **19.0095, 19.9994, 21.7794**.

A 20% lighter version of the original color is **53.5527, 44.1600, 21.9209**, and **10.7234, 7.3354, 1.5602** is the 20% darker color. If you saturate the color by 10%, you get **24.9488, 17.9199, 4.8440**, and if you desaturate by 10%, it is **28.6988, 23.6269, 11.6216**.

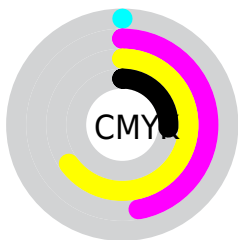
Distribution



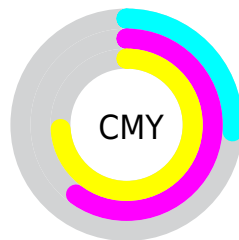
- Red (74%)
- Green (40%)
- Blue (26%)



- Red (74%)
- Yellow (45%)
- Blue (26%)



- Cyan (0%)
- Magenta (47%)
- Yellow (65%)
- Black (26%)





- Cyan (26%)
- Magenta (60%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6233, 20.5195, 7.7117 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 26.6233, 20.5195, 7.7117 by changing the saturation by 10% instead.


 26.6233, 20.5195,
7.7117


 26.6233, 20.5195,
7.7117

278.0295,
254.7138, 183.3023


 17.4256, 12.7732,
3.8259


 53.7030, 44.2865,
21.9281


 10.6356, 7.2726,
1.5303


 72.3157, 61.0759,
33.0957


 5.8878, 3.6331,
0.2404

 94.7974, 81.6486,
47.5277

 2.8170, 1.4705,
0.0000

 121.5136,
106.3889, 65.6427

 1.0577, 0.2679,
0.0000

 152.8295,
135.6812, 87.8590

 0.0000, 0.0000,
0.0000

189.1106,

169.9098, 114.5954

230.7221,
209.4592, 146.2703

■ 26.6233, 20.5195,
7.7117

■ 26.6233, 20.5195,
7.7117

■ 24.9488, 17.9199,
4.8440

■ 28.6988, 23.6269,
11.6216

■ 23.6445, 15.7962,
2.9140

■ 31.2002, 27.2651,
16.6620

■ 22.6762, 14.1174,
1.7969

■ 34.1516, 31.4594,
22.9132

■ 22.2955, 13.4374,
1.4186

■ 37.5751, 36.2325,
30.4475

■ 41.4910, 41.6059,
39.3318

■ 45.9185, 47.5999,
49.6282

■ 50.8758, 54.2337,
61.3948

■ 56.3800, 61.5257,
74.6867

■ 62.4476, 69.4938,
89.5559

Harmonies

Analogous

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



30.0013, 20.5195, 15.1271



26.6233, 20.5195, 7.7117



21.6208, 20.5195, 4.9434

Triad

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



26.6233, 20.5195, 7.7117



11.6395, 20.5195, 16.9816



22.4975, 20.5195, 59.4766

Complementary

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



26.6233, 20.5195, 7.7117



22.9869, 27.9419, 52.3256

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.



17.5285, 20.5195, 60.6750



26.6233, 20.5195, 7.7117



11.7936, 20.5195, 31.5494

Square

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



26.6233, 20.5195, 7.7117



13.3175, 20.5195, 8.5752



13.7812, 20.5195, 48.9198



27.3575, 20.5195, 46.1200

Rectangle

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



26.6233, 20.5195, 7.7117



18.2881, 20.5195, 4.7963



13.7812, 20.5195, 48.9198



20.7709, 20.5195, 61.4689

Sweetspot

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



26.6238, 20.5206, 7.7121



70.5228, 69.3363, 61.7954



28.7797, 17.0534, 32.4122



14.7507, 14.3397, 12.3519



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.



26.6238, 20.5206, 7.7121



43.6323, 30.4084, 7.0420



34.9516, 37.1762, 10.4880



9.7454, 9.9667, 9.9868



15.0584, 9.1556, 0.9735



0.6476, 0.4742, 0.0574

Inverse Universe

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



22.9869, 27.9419, 52.3256



36.4774, 44.3865, 92.8711



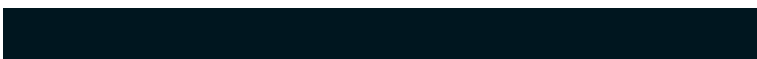
15.3159, 12.5999, 49.7686



9.5729, 10.3381, 12.1631



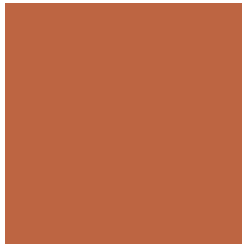
12.0971, 14.3059, 34.5166



0.5269, 0.6665, 1.3697

Previews

White Background



This preview shows how the XYZ color 26.6233, 20.5195, 7.7117 looks on a white background.

Color Contrast Check

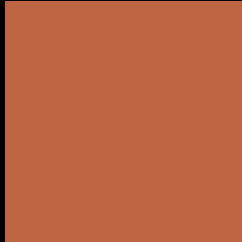
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6233, 20.5195, 7.7117 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 26.6233, 20.5195, 7.7117

Background



This preview shows how black text looks on a background with the XYZ color 26.6233, 20.5195, 7.7117.



This preview shows how white text looks on a background with the XYZ color 26.6233, 20.5195,

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

26.6233, 20.5195, 7.7117

Protanopia

19.0474, 20.7481, 9.6575

Deuteranopia

21.1035, 20.7493, 7.4502



Tritanopia

28.1169, 20.4214, 15.2918

Trichromacy



Original Color

26.6233, 20.5195, 7.7117

Protanomaly

21.2413, 20.2584, 8.9216

Deuteranomaly

22.7387, 20.3846, 7.4388

Tritanomaly

27.4484, 20.4207, 12.1678

Monochromacy



Original Color

26.6233, 20.5195, 7.7117

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.5616, 19.4238, 15.2358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6233, 20.5195, 7.7117 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, 101, 66)` looks like.

```
.text, #text, p{  
    color:rgb(189, 101, 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(189, 101, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 101, 66) }
```

Border

The CSS property to change the border of an element to XYZ 26.6233, 20.5195, 7.7117 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, 101, 66) }
```


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

```
.border{ border-color:rgb(189, 101, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 101, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 101, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 101, 66);  
box-shadow:4px 4px 4px 4px rgb(189, 101,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6233, 20.5195, 7.7117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 101, 66) }
```

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

```
.background{ background-color: rgb(189,  
101, 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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