

Converting Colors

XYZ(26.7002, 20.7797, 10.9911)

Have a look what the booklet for
XYZ(26.7002, 20.7797, 10.9911)
contains.

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Color

**XYZ(26.7002, 20.7797,
10.9911)**

Conversions

Conversions Part 1

Format	Color
Hex	BA6754
RGB	186, 103, 84
RGB Percent	73%, 40%, 33%
CMY	0.2706, 0.5961, 0.6706
CMYK	0.00, 0.45, 0.55, 0.27
HSL	11°, 42%, 53%
HSV	11°, 55%, 73%
XYZ	26.7002, 20.7797, 10.9911
YIQ	125.6510, 55.5670, 11.6870

Conversions

Conversions Part 2

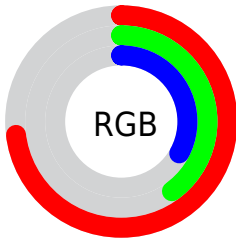
Format	Color
RYB	186, 107, 84
Decimal	12216148
CIELab	52.71, 31.31, 25.34
CIElCh	53, 40.278, 38.983
Yxy	20.7797, 0.4566, 0.3554
Android (android.graphics.Color)	4290406228 (0xFFBA6754)
YUV	125.6510, -20.5339, 52.9261
Hunter-Lab	45.5848, 24.7789, 17.6137

Details

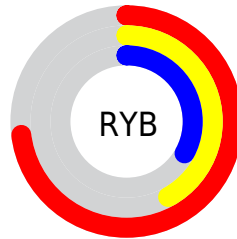
The XYZ color **26.7002, 20.7797, 10.9911** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **26.3369, 33.0656, 51.4485**, and the grayscale version is **19.7675, 20.7970, 22.6479**.

A 20% lighter version of the original color is **53.6806, 44.5764, 28.3291**, and **10.7386, 7.4519, 2.7918** is the 20% darker color. If you saturate the color by 10%, you get **24.6946, 17.7837, 7.1932**, and if you desaturate by 10%, it is **29.1728, 24.4002, 15.8993**.

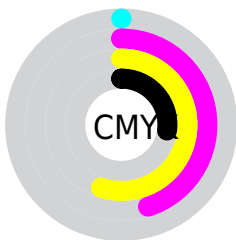
Distribution



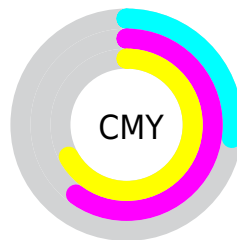
- Red (73%)
- Green (40%)
- Blue (33%)



- Red (73%)
- Yellow (42%)
- Blue (33%)



- Cyan (0%)
- Magenta (45%)
- Yellow (55%)
- Black (27%)





- Cyan (27%)
- Magenta (60%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7002, 20.7797, 10.9911 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 26.7002, 20.7797, 10.9911 by changing the saturation by 10% instead.

 26.7002, 20.7797,
10.9911

 26.7002, 20.7797,
10.9911


278.3967,
256.1054, 208.3417

 17.4836, 12.9631,
5.9468


 53.8257, 44.7206,
28.2801


 10.6773, 7.4031,
2.7445


 72.4653, 61.6137,
41.3619


 5.9160, 3.7155,
0.9657

 94.9767, 82.3010,
57.9598

 2.8342, 1.5157,
0.0000

 121.7251,
107.1670, 78.4925

 1.0667, 0.2997,
0.0000

 153.0760,
136.5960, 103.3785

 0.0000, 0.0000,
0.0000

189.3946,

170.9725, 133.0364

231.0464,
210.6808, 167.8846

■ 26.7002, 20.7797,
10.9911

■ 26.7002, 20.7797,
10.9911

■ 24.6946, 17.7837,
7.1932

■ 29.1728, 24.4002,
15.8993

■ 23.1240, 15.3733,
4.4169

■ 32.1383, 28.6747,
21.9947

■ 21.9547, 13.5101,
2.5618

■ 35.6227, 33.6349,
29.3486

■ 21.1469, 12.1494,
1.5062

■ 39.6496, 39.3092,
38.0266

■ 20.8406, 11.6210,
1.1447

■ 44.2410, 45.7245,
48.0893

■ 49.4180, 52.9063,
59.5939

■ 55.2002, 60.8789,
72.5942

■ 61.6065, 69.6655,
87.1413

■ 68.6549, 79.2884,
103.2839

Harmonies

Analogous

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



28.8272, 20.7797, 19.2101



26.7002, 20.7797, 10.9911



22.7839, 20.7797, 7.1964

Triad

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



26.7002, 20.7797, 10.9911



13.1427, 20.7797, 15.3166



21.0356, 20.7797, 53.9341

Complementary

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



26.7002, 20.7797, 10.9911



26.3369, 33.0656, 51.4485

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.



16.9990, 20.7797, 51.7300



26.7002, 20.7797, 10.9911



12.8123, 20.7797, 26.4236

Square

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



26.7002, 20.7797, 10.9911



15.1024, 20.7797, 9.0094



14.1253, 20.7797, 40.4709



25.2660, 20.7797, 45.7249

Rectangle

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



26.7002, 20.7797, 10.9911



19.8939, 20.7797, 6.5060



14.1253, 20.7797, 40.4709



19.6077, 20.7797, 54.4342

Sweetspot

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



26.7007, 20.7808, 10.9915



70.7646, 69.7022, 66.5307



30.4229, 19.5810, 38.8808



15.2397, 14.8661, 13.9067



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.



26.7007, 20.7808, 10.9915



44.0521, 31.1589, 11.7481



33.3561, 34.0915, 13.2099



9.1364, 9.2758, 9.4158



14.0623, 7.9010, 0.7839



0.5370, 0.3610, 0.0414

Inverse Universe

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



26.3369, 33.0656, 51.4485



43.2347, 55.5533, 92.6455



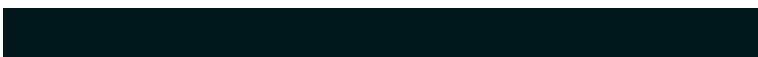
18.7992, 17.9902, 48.9359



9.1206, 9.9184, 11.5132



13.4963, 17.4524, 33.9104



0.5131, 0.6899, 1.2079

Previews

White Background



This preview shows how the XYZ color 26.7002, 20.7797, 10.9911 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 26.7002, 20.7797, 10.9911 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 26.7002, 20.7797, 10.9911

Background



This preview shows how black text looks on a background with the XYZ color 26.7002, 20.7797, 10.9911.



This preview shows how white text looks on a background with the XYZ color 26.7002, 20.7797,

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

26.7002, 20.7797, 10.9911

Protanopia

19.4729, 20.8808, 13.5937

Deuteranopia

21.2715, 20.9442, 10.7061



Tritanopia

27.9501, 20.8672, 16.4646

Trichromacy



Original Color

26.7002, 20.7797, 10.9911

Protanomaly

21.6503, 20.5651, 12.5012

Deuteranomaly

22.8501, 20.5363, 10.7422

Tritanomaly

27.3993, 20.7730, 14.3699

Monochromacy



Original Color

26.7002, 20.7797, 10.9911

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.5604, 20.4005, 17.8403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7002, 20.7797, 10.9911 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(186, 103, 84)` looks like.

```
.text, #text, p{  
    color:rgb(186, 103, 84)  
}
```

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(186, 103, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 103, 84) }
```

Border

The CSS property to change the border of an element to XYZ 26.7002, 20.7797, 10.9911 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(186, 103, 84) }
```


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

```
.border{ border-color:rgb(186, 103, 84) }
```

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

Here you see how a box with a 4 pixel rgb(186, 103, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 103, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 103, 84);  
box-shadow:4px 4px 4px 4px rgb(186, 103,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7002, 20.7797, 10.9911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 103, 84) }
```

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

```
.background{ background-color: rgb(186,  
103, 84) }
```

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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