

Converting Colors

XYZ(26.7373, 22.0185, 12.0733)

Have a look what the booklet for
XYZ(26.7373, 22.0185, 12.0733)
contains.

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Color

**XYZ(26.7373, 22.0185,
12.0733)**

Conversions

Conversions Part 1

Format	Color
Hex	B66F58
RGB	182, 111, 88
RGB Percent	71%, 44%, 35%
CMY	0.2863, 0.5647, 0.6549
CMYK	0.00, 0.39, 0.52, 0.29
HSL	15°, 39%, 53%
HSV	15°, 52%, 71%
XYZ	26.7373, 22.0185, 12.0733
YIQ	129.6070, 49.6990, 7.8990

Conversions

Conversions Part 2

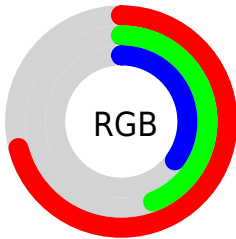
Format	Color
R_{YB}	182, 118, 88
Decimal	11956056
CIE _{Lab}	54.05, 25.69, 24.69
CIE _{LCh}	54, 35.628, 43.859
Yxy	22.0185, 0.4395, 0.3620
Android (android.graphics.Color)	4290146136 (0xFFB66F58)
YUV	129.6070, -20.5123, 45.9487
Hunter-Lab	46.9239, 19.5928, 17.5917

Details

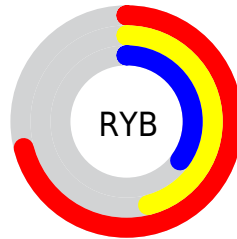
The XYZ color **26.7373, 22.0185, 12.0733** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **24.8655, 30.2471, 48.7836**, and the grayscale version is **21.1376, 22.2384, 24.2177**.

A 20% lighter version of the original color is **53.9603, 46.7301, 30.2206**, and **10.7447, 8.0480, 3.1776** is the 20% darker color. If you saturate the color by 10%, you get **24.6892, 18.9821, 8.1241**, and if you desaturate by 10%, it is **29.2055, 25.5941, 17.0914**.

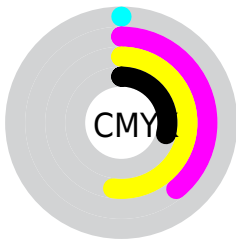
Distribution



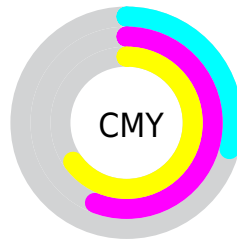
- Red (71%)
- Green (44%)
- Blue (35%)



- Red (71%)
- Yellow (46%)
- Blue (35%)



- Cyan (0%)
- Magenta (39%)
- Yellow (52%)
- Black (29%)




- Cyan (29%)
- Magenta (56%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7373, 22.0185, 12.0733 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 26.7373, 22.0185, 12.0733 by changing the saturation by 10% instead.

 26.7373, 22.0185,
12.0733


 26.7373, 22.0185,
12.0733


278.5737,
262.6429, 215.8851


 17.5116, 13.8705,
6.6705


 53.8849, 46.7766,
30.2949


 10.6975, 8.0306,
3.1816


 72.5375, 64.1554,
43.9508


 5.9296, 4.1146,
1.1881


 95.0631, 85.3800,
61.1948

 2.8426, 1.7379,
0.0000

 121.8271,
110.8347, 82.4454

 1.0711, 0.4480,
0.0000

 153.1948,
140.9040, 108.1212

 0.0007, 0.0000,
0.0000

189.5315,

 0.0000, 0.0000,

175.9722, 138.6407

0.0000

231.2027,
216.4237, 174.4225

■ 26.7373, 22.0185,
12.0733

■ 26.7373, 22.0185,
12.0733

■ 24.6892, 18.9821,
8.1241

■ 29.2055, 25.5941,
17.0914

■ 23.0349, 16.4547,
5.1639

■ 32.1148, 29.7303,
23.2479

■ 21.7471, 14.4083,
3.1034

■ 35.4868, 34.4516,
30.6079

■ 20.7942, 12.8105,
1.8362

■ 39.3411, 39.7797,
39.2310

■ 20.2123, 11.7869,
1.2098

■ 43.6959, 45.7354,
49.1731

■ 48.5689, 52.3384,
60.4866

■ 53.9765, 59.6077,
73.2210

■ 59.9347, 67.5612,
87.4234

■ 66.4584, 76.2165,
103.1387

Harmonies

Analogous

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



28.9764, 22.0185, 19.2428



26.7373, 22.0185, 12.0733



23.0559, 22.0185, 8.8231

Triad

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



26.7373, 22.0185, 12.0733



14.5876, 22.0185, 18.5463



22.7531, 22.0185, 51.0379

Complementary

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



26.7373, 22.0185, 12.0733



24.8655, 30.2471, 48.7836

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.



18.9351, 22.0185, 50.6768



26.7373, 22.0185, 12.0733



14.5276, 22.0185, 29.4243

Square

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



26.7373, 22.0185, 12.0733



16.2029, 22.0185, 11.6990



16.0276, 22.0185, 41.8855



26.4924, 22.0185, 42.7584

Rectangle

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



26.7373, 22.0185, 12.0733



20.4333, 22.0185, 8.4245



16.0276, 22.0185, 41.8855



21.4305, 22.0185, 51.9863

Sweetspot

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



26.7378, 22.0196, 12.0737



68.7024, 68.5077, 65.2175



29.1322, 19.4651, 35.5101



14.8484, 14.6810, 13.6751



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.7378, 22.0196, 12.0737



44.2992, 33.7177, 13.8723



33.0986, 34.7411, 14.1940



9.1784, 9.3597, 9.4298



14.3186, 8.4136, 0.8693



0.5548, 0.3966, 0.0473

Inverse Universe

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



24.8655, 30.2471, 48.7836



40.4615, 50.1541, 87.7839



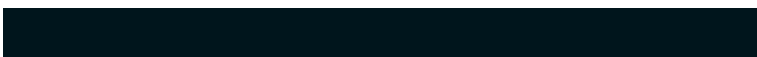
18.3807, 17.2774, 46.6220



9.0755, 9.8282, 11.4981



12.3804, 15.2205, 33.5384



0.4818, 0.6273, 1.1974

Previews

White Background



This preview shows how the XYZ color 26.7373, 22.0185, 12.0733 looks on a white background.

Color Contrast Check

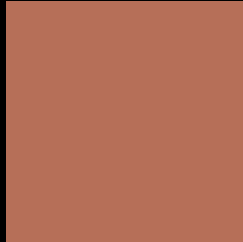
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7373, 22.0185, 12.0733 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 26.7373, 22.0185, 12.0733

Background



This preview shows how black text looks on a background with the XYZ color 26.7373, 22.0185, 12.0733.



This preview shows how white text looks on a background with the XYZ color 26.7373, 22.0185,

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

26.7373, 22.0185, 12.0733

Protanopia

20.7414, 22.2988, 14.2772

Deuteranopia

22.5977, 22.1551, 11.8894



Tritanopia

28.1194, 21.9435, 18.9731

Trichromacy



Original Color

26.7373, 22.0185, 12.0733

Protanomaly

22.5763, 21.9248, 13.3979

Deuteranomaly

23.8342, 21.8811, 11.9841

Tritanomaly

27.4408, 21.8123, 16.1285

Monochromacy



Original Color

26.7373, 22.0185, 12.0733

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.5719, 21.7933, 19.2365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7373, 22.0185, 12.0733 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(182, 111, 88)` looks like.

```
.text, #text, p{  
    color:rgb(182, 111, 88)  
}
```

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(182, 111, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 111, 88) }
```

Border

The CSS property to change the border of an element to XYZ 26.7373, 22.0185, 12.0733 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(182, 111, 88) }
```


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

```
.border{ border-color:rgb(182, 111, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 111, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 111, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 111, 88);  
box-shadow:4px 4px 4px 4px rgb(182, 111,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7373, 22.0185, 12.0733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 111, 88) }
```

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

```
.background{ background-color: rgb(182,  
111, 88) }
```

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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