

Converting Colors

XYZ(26.8853, 20.5276, 6.9601)

Have a look what the booklet for
XYZ(26.8853, 20.5276, 6.9601)
contains.

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Color

**XYZ(26.8853, 20.5276,
6.9601)**

Conversions

Conversions Part 1

Format	Color
Hex	BF643D
RGB	191, 100, 61
RGB Percent	75%, 39%, 24%
CMY	0.2510, 0.6078, 0.7608
CMYK	0.00, 0.48, 0.68, 0.25
HSL	18°, 52%, 49%
HSV	18°, 68%, 75%
XYZ	26.8853, 20.5276, 6.9601
YIQ	122.7630, 66.7550, 7.1630

Conversions

Conversions Part 2

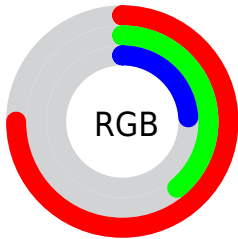
Format	Color
RYB	191, 117, 61
Decimal	12543037
CIELab	52.43, 33.27, 38.01
CIELCh	52, 50.514, 48.809
Yxy	20.5276, 0.4945, 0.3775
Android (android.graphics.Color)	4290733117 (0xFFBF643D)
YUV	122.7630, -30.4492, 59.8438
Hunter-Lab	45.3074, 26.6335, 22.6071

Details

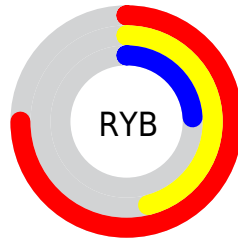
The XYZ color **26.8853, 20.5276, 6.9601** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **22.5558, 27.2085, 53.3528**, and the grayscale version is **18.8309, 19.8116, 21.5748**.

A 20% lighter version of the original color is **54.1876, 44.2777, 20.4423**, and **10.7858, 7.3077, 1.2940** is the 20% darker color. If you saturate the color by 10%, you get **25.2807, 18.0005, 4.3232**, and if you desaturate by 10%, it is **28.8845, 23.5511, 10.6325**.

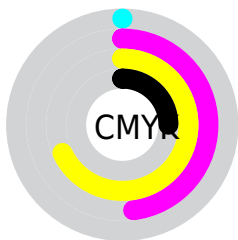
Distribution



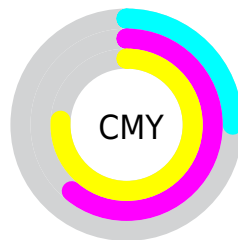
- Red (75%)
- Green (39%)
- Blue (24%)



- Red (75%)
- Yellow (46%)
- Blue (24%)



- Cyan (0%)
- Magenta (48%)
- Yellow (68%)
- Black (25%)



- Cyan (25%)
- Magenta (61%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8853, 20.5276, 6.9601 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 26.8853, 20.5276, 6.9601 by changing the saturation by 10% instead.

■ 26.8853, 20.5276,
6.9601

■ 26.8853, 20.5276,
6.9601

279.2790,
254.7572, 176.9501

■ 17.6232, 12.7791,
3.3591

■ 54.1209, 44.3000,
20.4044

■ 10.7779, 7.2766,
1.2808

■ 72.8252, 61.0927,
31.0848

■ 5.9839, 3.6357,
0.0460

■ 95.4077, 81.6690,
44.9620

■ 2.8758, 1.4719,
0.0000

■ 122.2336,
106.4132, 62.4546

■ 1.0884, 0.2689,
0.0000

■ 153.6683,
135.7097, 83.9812

■ 0.0154, 0.0000,
0.0000

■ 190.0772,

■ 0.0000, 0.0000,

169.9429, 109.9603

0.0000

231.8257,
209.4973, 140.8104

■ 26.8853, 20.5276,
6.9601

■ 26.8853, 20.5276,
6.9601

■ 25.2807, 18.0005,
4.3232

■ 28.8845, 23.5511,
10.6325

■ 24.0385, 15.9377,
2.6095

■ 31.3038, 27.0938,
15.4346

■ 23.1165, 14.3055,
1.6491

■ 34.1683, 31.1808,
21.4511

■ 22.9641, 14.0330,
1.4983

■ 37.5003, 35.8348,
28.7584

■ 41.3206, 41.0768,
37.4262

■ 45.6487, 46.9270,
47.5194

■ 50.5029, 53.4043,
59.0989

■ 55.9009, 60.5272,
72.2217

■ 61.8591, 68.3129,
86.9419

Harmonies

Analogous

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



30.6215, 20.5276, 14.3139



26.8853, 20.5276, 6.9601



21.5218, 20.5276, 4.3606

Triad

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



26.8853, 20.5276, 6.9601



11.2367, 20.5276, 17.2293



22.9246, 20.5276, 62.0294

Complementary

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



26.8853, 20.5276, 6.9601



22.5558, 27.2085, 53.3528

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.



17.6292, 20.5276, 63.9994



26.8853, 20.5276, 6.9601



11.4770, 20.5276, 32.9437

Square

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



26.8853, 20.5276, 6.9601



12.8978, 20.5276, 8.2741



13.6257, 20.5276, 51.6634



28.0684, 20.5276, 47.0906

Rectangle

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



26.8853, 20.5276, 6.9601



18.0157, 20.5276, 4.2913



13.6257, 20.5276, 51.6634



21.0866, 20.5276, 64.4183

Sweetspot

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



26.8858, 20.5287, 6.9605



72.3852, 71.3588, 63.3121



28.8220, 16.6809, 31.4064



15.4602, 15.0742, 12.9122



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



26.8858, 20.5287, 6.9605



44.0361, 30.2042, 5.9438



35.7831, 38.3234, 9.9262



9.7573, 9.9906, 9.9907



15.1543, 9.3473, 1.0055



0.6528, 0.4844, 0.0591

Inverse Universe

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



22.5558, 27.2085, 53.3528



35.5670, 42.6104, 94.6292



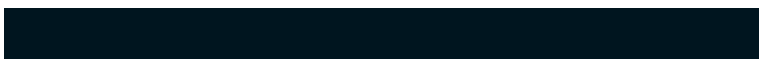
14.7367, 11.5702, 50.7464



9.5603, 10.3130, 12.1589



11.8280, 13.7677, 34.4269



0.5180, 0.6487, 1.3668

Previews

White Background



This preview shows how the XYZ color 26.8853, 20.5276, 6.9601 looks on a white background.

Color Contrast Check

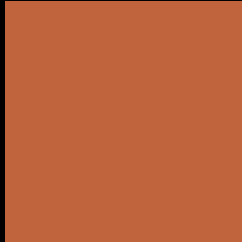
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8853, 20.5276, 6.9601 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 26.8853, 20.5276, 6.9601

Background



This preview shows how black text looks on a background with the XYZ color 26.8853, 20.5276, 6.9601.



This preview shows how white text looks on a background with the XYZ color 26.8853, 20.5276,

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

26.8853, 20.5276, 6.9601

Protanopia

19.0476, 20.7672, 8.7989

Deuteranopia

20.9726, 20.6969, 6.7604



Tritanopia

28.4828, 20.4812, 15.0224

Trichromacy



Original Color

26.8853, 20.5276, 6.9601

Protanomaly

21.2790, 20.2959, 8.1062

Deuteranomaly

22.8173, 20.4406, 6.7458

Tritanomaly

27.7332, 20.4440, 11.5012

Monochromacy



Original Color

26.8853, 20.5276, 6.9601

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

20.6437, 19.4775, 14.7281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8853, 20.5276, 6.9601 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(191, 100, 61)` looks like.

```
.text, #text, p{  
    color:rgb(191, 100, 61)  
}
```

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(191, 100, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 100, 61) }
```

Border

The CSS property to change the border of an element to XYZ 26.8853, 20.5276, 6.9601 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(191, 100, 61) }
```


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

```
.border{ border-color:rgb(191, 100, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 100, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 100, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 100, 61);  
box-shadow:4px 4px 4px 4px rgb(191, 100,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8853, 20.5276, 6.9601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 100, 61) }
```

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

```
.background{ background-color: rgb(191,  
100, 61) }
```

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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