

Converting Colors

XYZ(26.5866, 20.6161, 2.7727)

Have a look what the booklet for
XYZ(26.5866, 20.6161, 2.7727)
contains.

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Color

**XYZ(26.6843, 20.6602,
2.7824)**

Conversions

Conversions Part 1

Format	Color
Hex	C16507
RGB	193, 101, 7
RGB Percent	76%, 40%, 3%
CMY	0.2431, 0.6039, 0.9725
CMYK	0.00, 0.48, 0.96, 0.24
HSL	30°, 93%, 39%
HSV	30°, 96%, 76%
XYZ	26.6843, 20.6602, 2.7824
YIQ	117.7920, 85.0060, -9.7300

Conversions

Conversions Part 2

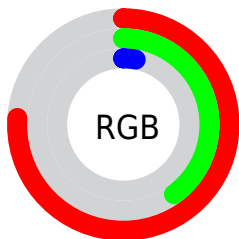
Format	Color
R_{YB}	189, 193, 7
Decimal	12674311
CIE Lab	52.58, 31.81, 59.32
CIE LCh	53, 67.316, 61.797
Yxy	20.6602, 0.5323, 0.4122
Android (android.graphics.Color)	4290864391 (0xFFC16507)
YUV	117.7920, -54.6205, 65.9574
Hunter-Lab	45.4535, 25.2481, 28.1881

Details

The XYZ color **26.6843, 20.6602, 2.7824** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **14.1748, 12.8186, 52.1786**, and the grayscale version is **17.3025, 18.2036, 19.8237**.

A 20% lighter version of the original color is **53.6444, 44.4477, 11.0621**, and **10.9009, 7.4425, 0.8620** is the 20% darker color. If you saturate the color by 10%, you get **26.3170, 19.9872, 2.4709**, and if you desaturate by 10%, it is **27.8176, 22.6847, 3.9077**.

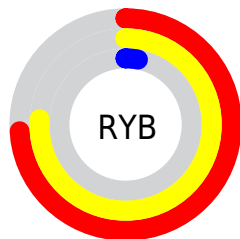
Distribution



Red (76%)

Green (40%)

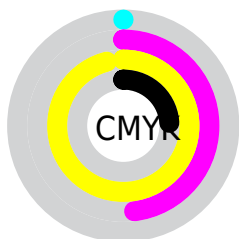
Blue (3%)



Red (74%)

Yellow (76%)

Blue (3%)

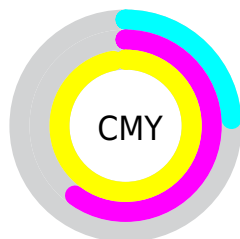


Cyan (0%)

Magenta (48%)

Yellow (96%)

Black (24%)



Cyan (24%)


Magenta (60%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6843, 20.6602, 2.7824 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 26.6843, 20.6602, 2.7824 by changing the saturation by 10% instead.

 26.6843, 20.6602,
2.7824


 26.6843, 20.6602,
2.7824


278.3208,
255.4671, 133.5390


 17.4716, 12.8758,
0.9846


 53.8003, 44.5213,
11.0866


 10.6687, 7.3431,
0.0000


 72.4344, 61.3669,
18.4301

 5.9102, 3.6776,
0.0000

 94.9396, 82.0016,
28.4593

 2.8307, 1.4949,
0.0000

 121.6814,
106.8100, 41.5927

 1.0649, 0.2851,
0.0000

 153.0250,
136.1763, 58.2488

 0.0000, 0.0000,
0.0000

 189.3359,

170.4850, 78.8462

230.9794,
210.1205, 103.8034

26.6843, 20.6602,
2.7824

26.6843, 20.6602,
2.7824

26.3170, 19.9872,
2.4709

27.8176, 22.6847,
3.9077

29.2057, 24.9880,
5.8280

30.8788, 27.5885,
8.6842

32.8604, 30.5008,
12.5850

35.1712, 33.7380,
17.6236

■ 37.8298, 37.3122,
23.8830

■ 40.8530, 41.2347,
31.4383

■ 44.2566, 45.5164,
40.3585

■ 48.0552, 50.1673,
50.7077

Harmonies

Analogous

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



33.3892, 20.6602, 7.7160



26.6843, 20.6602, 2.7824



19.2192, 20.6602, 1.8002

Triad

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



26.6843, 20.6602, 2.7824



9.0480, 20.6602, 23.7220



27.5884, 20.6602, 73.5038

Complementary

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



26.6843, 20.6602, 2.7824



14.1748, 12.8186, 52.1786

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.



20.0606, 20.6602, 86.9004



26.6843, 20.6602, 2.7824



10.2988, 20.6602, 49.4222

Square

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



26.6843, 20.6602, 2.7824



10.0276, 20.6602, 8.7845



13.9543, 20.6602, 76.1892



33.9922, 20.6602, 45.9784

Rectangle

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



26.6843, 20.6602, 2.7824



15.0645, 20.6602, 2.3558



13.9543, 20.6602, 76.1892



25.0518, 20.6602, 80.3552

Sweetspot

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



26.6848, 20.6613, 2.7828



71.4279, 71.6184, 51.8786



24.3684, 12.4095, 13.1681



14.8257, 14.7178, 9.8868



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.



26.6848, 20.6613, 2.7828



46.8877, 35.3040, 4.3431



41.1002, 49.4921, 7.5879



10.4845, 10.9004, 10.6133



17.5843, 13.4543, 1.6701



0.8287, 0.7191, 0.0951

Inverse Universe

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



14.1748, 12.8186, 52.1786



24.3973, 21.2112, 93.1686



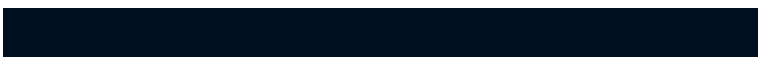
9.7892, 4.0475, 50.7167



9.9305, 10.5523, 12.7982



9.2313, 8.2191, 34.6565



0.4678, 0.4931, 1.5204

Previews

White Background



This preview shows how the XYZ color 26.6843, 20.6602, 2.7824 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 26.6843, 20.6602, 2.7824 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 26.6843, 20.6602, 2.7824

Background



This preview shows how black text looks on a background with the XYZ color 26.6843, 20.6602, 2.7824.



This preview shows how white text looks on a background with the XYZ color 26.6843, 20.6602,

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

26.6843, 20.6602, 2.7824

Protanopia

18.7254, 20.7162, 3.5840

Deuteranopia

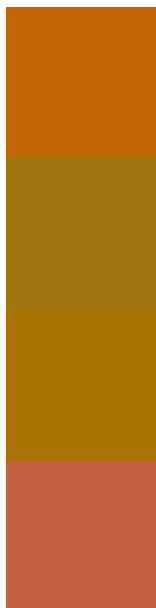
21.0145, 20.8039, 2.9080



Tritanopia

29.0679, 20.6613, 14.5126

Trichromacy



Original Color

26.6843, 20.6602, 2.7824

Protanomaly

21.1385, 20.3314, 3.2257

Deuteranomaly

22.7161, 20.4748, 2.8409

Tritanomaly

27.7637, 20.5448, 7.6565

Monochromacy



Original Color

26.6843, 20.6602, 2.7824

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.8464, 18.1581, 9.7193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6843, 20.6602, 2.7824 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(193, 101, 7)` looks like.

```
.text, #text, p{  
    color:rgb(193, 101, 7)  
}
```

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(193, 101, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 101, 7) }
```

Border

The CSS property to change the border of an element to XYZ 26.6843, 20.6602, 2.7824 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(193, 101, 7) }
```


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

```
.border{ border-color:rgb(193, 101, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 101, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 101, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 101, 7);  
box-shadow:4px 4px 4px 4px rgb(193, 101,  
7) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6843, 20.6602, 2.7824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 101, 7) }
```

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

```
.background{ background-color: rgb(193,  
101, 7) }
```

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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