

Converting Colors

XYZ(26.6803, 20.1514, 4.0015)

Have a look what the booklet for
XYZ(26.6803, 20.1514, 4.0015)
contains.

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Color

**XYZ(26.6487, 20.1883,
4.0056)**

Conversions

Conversions Part 1

Format	Color
Hex	C16222
RGB	193, 98, 34
RGB Percent	76%, 38%, 13%
CMY	0.2431, 0.6157, 0.8667
CMYK	0.00, 0.49, 0.82, 0.24
HSL	24°, 70%, 45%
HSV	24°, 82%, 76%
XYZ	26.6487, 20.1883, 4.0056
YIQ	119.1090, 77.1640, 0.2360

Conversions

Conversions Part 2

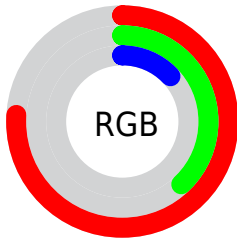
Format	Color
RYB	193, 141, 34
Decimal	12673570
CIELab	52.05, 33.94, 50.81
CIELCh	52, 61.100, 56.261
Yxy	20.1883, 0.5241, 0.3971
Android (android.graphics.Color)	4290863650 (0xFFC16222)
YUV	119.1090, -41.9587, 64.8024
Hunter-Lab	44.9314, 27.2380, 26.1663

Details

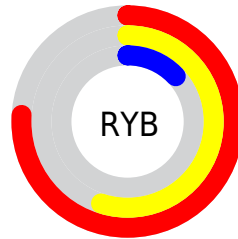
The XYZ color **26.6487, 20.1883, 4.0056** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **18.1350, 19.8897, 53.3349**, and the grayscale version is **17.6814, 18.6022, 20.2578**.

A 20% lighter version of the original color is **53.7466, 43.7128, 13.9922**, and **10.7712, 7.1832, 0.8188** is the 20% darker color. If you saturate the color by 10%, you get **25.4421, 18.1028, 2.5941**, and if you desaturate by 10%, it is **28.1678, 22.6494, 6.2919**.

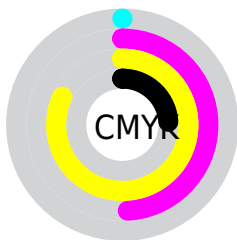
Distribution



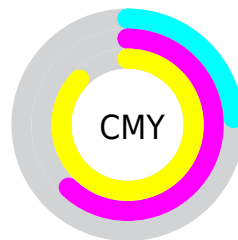
- Red (76%)
- Green (38%)
- Blue (13%)



- Red (76%)
- Yellow (55%)
- Blue (13%)



- Cyan (0%)
- Magenta (49%)
- Yellow (82%)
- Black (24%)





- Cyan (24%)
- Magenta (62%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6487, 20.1883, 4.0056 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 26.6487, 20.1883, 4.0056 by changing the saturation by 10% instead.


 26.6487, 20.1883,
4.0056


 26.6487, 20.1883,
4.0056


278.1508,
252.9327, 148.2876


 17.4448, 12.5320,
1.6284


 53.7435, 43.7327,
14.0227


 10.6494, 7.1071,
0.3110


 72.3651, 60.3895,
22.4996


 5.8971, 3.5292,
0.0000

 94.8566, 80.8153,
33.8470

 2.8227, 1.4138,
0.0000

 121.5835,
105.3945, 48.4832

 1.0607, 0.2269,
0.0000

 152.9109,
134.5114, 66.8268

 0.0000, 0.0000,
0.0000

 189.2044,

168.5505, 89.2964

230.8293,
207.8961, 116.3105

26.6487, 20.1883,
4.0056

26.6487, 20.1883,
4.0056

25.4421, 18.1028,
2.5941

28.1678, 22.6494,
6.2919

24.6946, 16.7424,
1.9300

30.0272, 25.5044,
9.5747

32.2523, 28.7737,
13.9569

34.8654, 32.4753,
19.5281

37.8867, 36.6256,
26.3689

■ 41.3349, 41.2405,
34.5523

■ 45.2275, 46.3345,
44.1461

■ 49.5808, 51.9220,
55.2132

■ 54.4103, 58.0162,
67.8129

Harmonies

Analogous

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



32.0760, 20.1883, 10.0188



26.6487, 20.1883, 4.0056



19.9810, 20.1883, 2.4361

Triad

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



26.6487, 20.1883, 4.0056



9.5375, 20.1883, 19.8174



24.9981, 20.1883, 69.4014

Complementary

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



26.6487, 20.1883, 4.0056



18.1350, 19.8897, 53.3349

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.



18.4170, 20.1883, 77.1439



26.6487, 20.1883, 4.0056



10.3185, 20.1883, 40.9470

Square

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



26.6487, 20.1883, 4.0056



10.8443, 20.1883, 7.8927



13.2691, 20.1883, 64.6926



30.9872, 20.1883, 47.1044

Rectangle

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



26.6487, 20.1883, 4.0056



16.0227, 20.1883, 2.7487



13.2691, 20.1883, 64.6926



22.7458, 20.1883, 74.1787

Sweetspot

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



26.6491, 20.1894, 4.0060



72.0910, 71.2862, 57.2126



26.5533, 14.0772, 22.2264



14.9956, 14.6641, 11.1568



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.



26.6491, 20.1894, 4.0060



44.1624, 29.8314, 3.5022



38.0227, 42.9365, 7.7971



10.3986, 10.7286, 10.5846



16.4989, 11.2835, 1.3083



0.7804, 0.6225, 0.0790

Inverse Universe

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



18.1350, 19.8897, 53.3349



28.2267, 28.8235, 94.4361



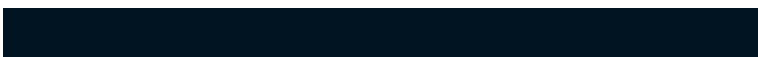
11.4217, 6.4632, 51.0971



10.0174, 10.7261, 12.8272



10.5833, 10.9231, 35.1072



0.5234, 0.6041, 1.5389

Previews

White Background



This preview shows how the XYZ color 26.6487, 20.1883, 4.0056 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 26.6487, 20.1883, 4.0056 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 26.6487, 20.1883, 4.0056

Background



This preview shows how black text looks on a background with the XYZ color 26.6487, 20.1883, 4.0056.



This preview shows how white text looks on a background with the XYZ color 26.6487, 20.1883,

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

26.6487, 20.1883, 4.0056

Protanopia

18.5491, 20.4028, 5.0583

Deuteranopia

20.5585, 20.1952, 3.7342



Tritanopia

28.7967, 20.2719, 13.9504

Trichromacy



Original Color

26.6487, 20.1883, 4.0056

Protanomaly

20.7787, 19.7723, 4.5550

Deuteranomaly

22.4716, 19.9988, 3.7744

Tritanomaly

27.7784, 20.1155, 9.0752

Monochromacy



Original Color

26.6487, 20.1883, 4.0056

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.3000, 18.1845, 11.7253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6487, 20.1883, 4.0056 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, 98, 34)` looks like.

```
.text, #text, p{  
    color:rgb(193, 98, 34)  
}
```

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, 98, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 98, 34) }
```

Border

The CSS property to change the border of an element to XYZ 26.6487, 20.1883, 4.0056 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, 98, 34) }
```


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

```
.border{ border-color:rgb(193, 98, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 98, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 98, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 98, 34);  
box-shadow:4px 4px 4px 4px rgb(193, 98,  
34) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6487, 20.1883, 4.0056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 98, 34) }
```

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

```
.background{ background-color: rgb(193, 98,  
34) }
```

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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