

Converting Colors

XYZ(26.6005, 20.8270, 2.9596)

Have a look what the booklet for
XYZ(26.6005, 20.8270, 2.9596)
contains.

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Color

**XYZ(26.5560, 20.7358,
2.9506)**

Conversions

Conversions Part 1

Format	Color
Hex	C0660C
RGB	192, 102, 12
RGB Percent	75%, 40%, 5%
CMY	0.2471, 0.6000, 0.9529
CMYK	0.00, 0.47, 0.94, 0.25
HSL	30°, 88%, 40%
HSV	30°, 94%, 75%
XYZ	26.5560, 20.7358, 2.9506
YIQ	118.6500, 82.5300, -8.9100

Conversions

Conversions Part 2

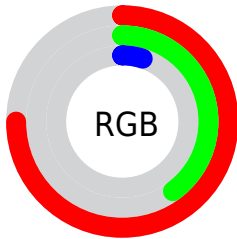
Format	Color
R _Y B	192, 192, 12
Decimal	12609036
CIE Lab	52.66, 30.93, 58.30
CIE LCh	53, 66.000, 62.056
Yxy	20.7358, 0.5286, 0.4127
Android (android.graphics.Color)	4290799116 (0xFFC0660C)
YUV	118.6500, -52.5784, 64.3280
Hunter-Lab	45.5366, 24.4085, 28.0338

Details

The XYZ color **26.5560, 20.7358, 2.9506** 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 **14.4173, 13.3865, 51.6928**, and the grayscale version is **17.5673, 18.4822, 20.1271**.

A 20% lighter version of the original color is **53.5341, 44.6242, 11.5861**, and **10.7888, 7.4517, 0.8697** is the 20% darker color. If you saturate the color by 10%, you get **25.9213, 19.5728, 2.4117**, and if you desaturate by 10%, it is **27.7389, 22.8080, 4.2510**.

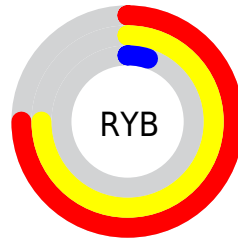
Distribution



Red (75%)

Green (40%)

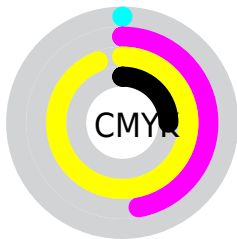
Blue (5%)



Red (75%)

Yellow (75%)

Blue (5%)

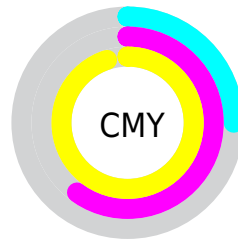


Cyan (0%)

Magenta (47%)

Yellow (94%)

Black (25%)



Cyan (25%)


Magenta (60%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5560, 20.7358, 2.9506 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 26.5560, 20.7358, 2.9506 by changing the saturation by 10% instead.


 26.5560, 20.7358,
2.9506

 26.5560, 20.7358,
2.9506


277.7078,
255.8711, 135.7289


 17.3749, 12.9310,
1.0695


 53.5955, 44.6474,
11.5063


 10.5991, 7.3811,
0.0000


 72.1846, 61.5230,
19.0179


 5.8632, 3.7015,
0.0000

 94.6404, 82.1911,
29.2435

 2.8020, 1.5080,
0.0000

 121.3283,
107.0359, 42.6015


 1.0499, 0.2944,
0.0000


 152.6137,
136.4419, 59.5105


 0.0000, 0.0000,
0.0000


 188.8618,


170.7935, 80.3891


 230.4380,
210.4751, 105.6557


 26.5560, 20.7358,
2.9506


 26.5560, 20.7358,
2.9506


 25.9213, 19.5728,
2.4117

 27.7389, 22.8080,
4.2510

 29.1850, 25.1649,
6.3828

 30.9213, 27.8239,
9.4701

 32.9704, 30.7990,
13.6155

 35.3522, 34.1032,
18.9082

■ 38.0845, 37.7485,
25.4279

■ 41.1838, 41.7460,
33.2469

■ 44.6655, 46.1064,
42.4322

■ 48.5438, 50.8396,
53.0458

Harmonies

Analogous

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



33.1296, 20.7358, 7.8806



26.5560, 20.7358, 2.9506



19.2394, 20.7358, 1.9605

Triad

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



26.5560, 20.7358, 2.9506



9.2500, 20.7358, 23.9600



27.5683, 20.7358, 72.0891

Complementary

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



26.5560, 20.7358, 2.9506



14.4173, 13.3865, 51.6928

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.



20.1857, 20.7358, 85.2499



26.5560, 20.7358, 2.9506



10.5125, 20.7358, 49.1369

Square

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



26.5560, 20.7358, 2.9506



10.2044, 20.7358, 9.1023



14.1530, 20.7358, 75.0673



33.8030, 20.7358, 45.3000

Rectangle

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



26.5560, 20.7358, 2.9506



15.1603, 20.7358, 2.5483



14.1530, 20.7358, 75.0673



25.0866, 20.7358, 78.7784

Sweetspot

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



26.5565, 20.7369, 2.9510



71.8983, 72.1557, 53.2796



24.2680, 12.4288, 13.6910



14.9121, 14.8148, 10.1497



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.



26.5565, 20.7369, 2.9510



46.7164, 34.9614, 4.2860



40.6540, 48.9319, 7.6501



10.4799, 10.8913, 10.6118



17.5203, 13.3263, 1.6488



0.8259, 0.7137, 0.0942

Inverse Universe

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



14.4173, 13.3865, 51.6928



24.5663, 21.5492, 93.2249



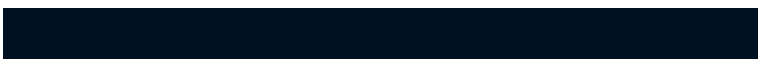
9.7976, 4.1470, 50.1529



9.9350, 10.5614, 12.7997



9.2945, 8.3454, 34.6776



0.4705, 0.4985, 1.5213

Previews

White Background



This preview shows how the XYZ color 26.5560, 20.7358, 2.9506 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 26.5560, 20.7358, 2.9506 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 26.5560, 20.7358, 2.9506

Background



This preview shows how black text looks on a background with the XYZ color 26.5560, 20.7358, 2.9506.



This preview shows how white text looks on a background with the XYZ color 26.5560, 20.7358,

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

26.5560, 20.7358, 2.9506

Protanopia

18.8710, 20.9800, 3.7168

Deuteranopia

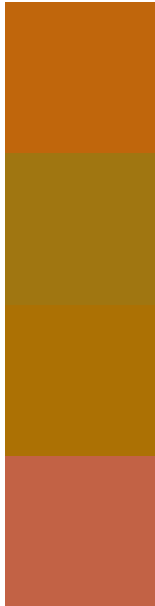
21.2137, 20.9065, 2.9173



Tritanopia

28.9962, 20.7458, 15.0465

Trichromacy



Original Color

26.5560, 20.7358, 2.9506

Protanomaly

21.0768, 20.4709, 3.3707

Deuteranomaly

22.9403, 20.5897, 2.8800

Tritanomaly

27.6900, 20.6344, 8.1536

Monochromacy



Original Color

26.5560, 20.7358, 2.9506

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.2072, 18.5004, 10.1480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5560, 20.7358, 2.9506 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(192, 102, 12)` looks like.

```
.text, #text, p{  
    color:rgb(192, 102, 12)  
}
```

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(192, 102, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 102, 12) }
```

Border

The CSS property to change the border of an element to XYZ 26.5560, 20.7358, 2.9506 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(192, 102, 12) }
```


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

```
.border{ border-color:rgb(192, 102, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 102, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 102, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 102, 12);  
box-shadow:4px 4px 4px 4px rgb(192, 102,  
12) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5560, 20.7358, 2.9506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 102, 12) }
```

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

```
.background{ background-color: rgb(192,  
102, 12) }
```

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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