

Converting Colors

XYZ(26.4497, 20.9106, 2.6421)

Have a look what the booklet for
XYZ(26.4497, 20.9106, 2.6421)
contains.

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Color

**XYZ(26.4362, 20.9770,
2.6556)**

Conversions

Conversions Part 1

Format	Color
Hex	BF6800
RGB	191, 104, 0
RGB Percent	75%, 41%, 0%
CMY	0.2510, 0.5921, 1.0000
CMYK	0.00, 0.46, 1.00, 0.25
HSL	33°, 100%, 37%
HSV	33°, 100%, 75%
XYZ	26.4362, 20.9770, 2.6556
YIQ	118.1570, 85.2360, -13.9000

Conversions

Conversions Part 2

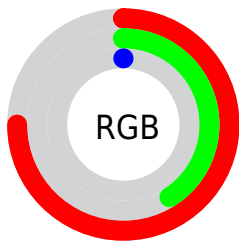
Format	Color
R_{YB}	160, 191, 0
Decimal	12544000
CIE Lab	52.92, 29.29, 60.83
CIE LCh	53, 67.520, 64.289
Yxy	20.9770, 0.5280, 0.4190
Android (android.graphics.Color)	4290734080 (0xFFBF6800)
YUV	118.1570, -58.2514, 63.8833
Hunter-Lab	45.8007, 22.8793, 28.6227

Details

The XYZ color **26.4362, 20.9770, 2.6556** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **12.8121, 10.5778, 50.6563**, and the grayscale version is **17.4282, 18.3358, 19.9677**.

A 20% lighter version of the original color is **53.3219, 45.0297, 10.7317**, and **10.7263, 7.5577, 0.8934** is the 20% darker color. If you saturate the color by 10%, you get **26.4364, 20.9776, 2.6557**, and if you desaturate by 10%, it is **27.4765, 22.8683, 3.5867**.

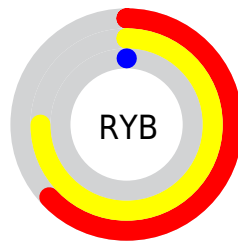
Distribution



Red (75%)

Green (41%)

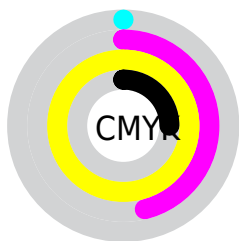
Blue (0%)



Red (63%)

Yellow (75%)

Blue (0%)

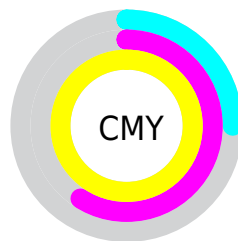


Cyan (0%)

Magenta (46%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (59%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4362, 20.9770, 2.6556 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 26.4362, 20.9770, 2.6556 by changing the saturation by 10% instead.

■ 26.4362, 20.9770,
2.6556

■ 26.4362, 20.9770,
2.6556

277.1344,
257.1562, 131.8455

■ 17.2846, 13.1072,
0.9210

■ 53.4041, 45.0493,
10.7661

■ 10.5342, 7.5024,
0.0000

■ 71.9512, 62.0205,
17.9796

■ 5.8195, 3.7782,
0.0000

■ 94.3608, 82.7943,
27.8568

■ 2.7753, 1.5503,
0.0000

■ 120.9983,
107.7551, 40.8161

■ 1.0361, 0.3237,
0.0000

■ 152.2291,
137.2873, 57.2761

■ 0.0000, 0.0000,
0.0000

■ 188.4184,

171.7753, 77.6553

■ 229.9318,
211.6035, 102.3723

■ 26.4362, 20.9770,
2.6556

■ 26.4362, 20.9770,
2.6556

■ 26.4364, 20.9776,
2.6557

■ 27.4765, 22.8683,
3.5867

■ 28.7256, 24.9910,
5.1609

■ 30.2284, 27.3679,
7.6002

■ 32.0087, 30.0124,
11.0175

■ 34.0866, 32.9362,
15.5080

■ 36.4802, 36.1503,
21.1557

■ 39.2059, 39.6646,
28.0361

■ 42.2788, 43.4885,
36.2183

■ 45.7129, 47.6310,
45.7661

Harmonies

Analogous

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



33.4105, 20.9770, 7.1788



26.4362, 20.9770, 2.6556



18.9386, 20.9770, 1.8595

Triad

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



26.4362, 20.9770, 2.6556



9.2222, 20.9770, 25.8773



28.6188, 20.9770, 72.4694

Complementary

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



26.4362, 20.9770, 2.6556



12.8121, 10.5778, 50.6563

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.



20.9720, 20.9770, 87.8149



26.4362, 20.9770, 2.6556



10.6835, 20.9770, 52.5431

Square

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



26.4362, 20.9770, 2.6556



10.0267, 20.9770, 9.7714



14.6028, 20.9770, 78.9395



34.8654, 20.9770, 44.2361

Rectangle

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



26.4362, 20.9770, 2.6556



14.8527, 20.9770, 2.5595



14.6028, 20.9770, 78.9395



26.0688, 20.9770, 79.8769

Sweetspot

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



26.4367, 20.9781, 2.6560



69.9714, 70.7269, 49.5725



23.2947, 11.8000, 10.5310



14.8939, 14.9288, 9.6798



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.



26.4367, 20.9781, 2.6560



47.1018, 37.0788, 4.6744



38.5499, 47.5301, 7.1426



9.9490, 10.3740, 10.0546



17.4551, 13.9491, 1.7725



0.7484, 0.6756, 0.0910

Inverse Universe

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



12.8121, 10.5778, 50.6563



22.7101, 18.4721, 90.6476



9.4837, 3.8028, 49.5241



9.3648, 9.9219, 12.0938



8.4982, 7.1082, 33.3170



0.3983, 0.4092, 1.3269

Previews

White Background



This preview shows how the XYZ color 26.4362, 20.9770, 2.6556 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 26.4362, 20.9770, 2.6556 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 26.4362, 20.9770, 2.6556

Background



This preview shows how black text looks on a background with the XYZ color 26.4362, 20.9770, 2.6556.



This preview shows how white text looks on a background with the XYZ color 26.4362, 20.9770,

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

26.4362, 20.9770, 2.6556

Protanopia

19.0106, 21.0558, 3.5524

Deuteranopia

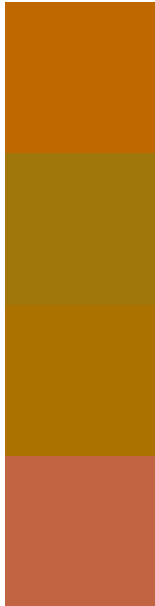
21.2137, 20.9065, 2.9173



Tritanopia

29.0215, 21.0182, 15.6240

Trichromacy



Original Color

26.4362, 20.9770, 2.6556

Protanomaly

21.1488, 20.6891, 3.1659

Deuteranomaly

22.8119, 20.6926, 2.7917

Tritanomaly

27.5329, 20.8451, 7.7266

Monochromacy



Original Color

26.4362, 20.9770, 2.6556

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.8522, 18.3380, 9.2026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4362, 20.9770, 2.6556 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, 104, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 104, 0)  
}
```

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, 104, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 104, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.4362, 20.9770, 2.6556 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, 104, 0) }
```


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

```
.border{ border-color:rgb(191, 104, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 104, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 104, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 104, 0);  
box-shadow:4px 4px 4px 4px rgb(191, 104,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4362, 20.9770, 2.6556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 104, 0) }
```

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

```
.background{ background-color: rgb(191,  
104, 0) }
```

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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