

Converting Colors

XYZ(22.0364, 15.0831, 1.7499)

Have a look what the booklet for
XYZ(22.0364, 15.0831, 1.7499)
contains.

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Color

**XYZ(22.0445, 15.0994,
1.7526)**

Conversions

Conversions Part 1

Format	Color
Hex	B74B00
RGB	183, 75, 0
RGB Percent	72%, 29%, 0%
CMY	0.2824, 0.7059, 1.0000
CMYK	0.00, 0.59, 1.00, 0.28
HSL	25°, 100%, 36%
HSV	25°, 100%, 72%
XYZ	22.0445, 15.0994, 1.7526
YIQ	98.7420, 88.4430, -0.4290

Conversions

Conversions Part 2

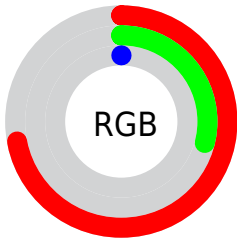
Format	Color
R_{YB}	183, 127, 0
Decimal	12012288
CIE Lab	45.77, 40.95, 56.00
CIE LCh	46, 69.378, 53.824
Yxy	15.0994, 0.5667, 0.3882
Android (android.graphics.Color)	4290202368 (0xFFB74B00)
YUV	98.7420, -48.6798, 73.8943
Hunter-Lab	38.8579, 33.2634, 24.5264

Details

The XYZ color **22.0445, 15.0994, 1.7526** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **13.9093, 14.1432, 46.7962**, and the grayscale version is **11.8984, 12.5180, 13.6321**.

A 20% lighter version of the original color is **46.3591, 35.0771, 8.3301**, and **8.3129, 4.7114, 0.4712** is the 20% darker color. If you saturate the color by 10%, you get **22.0447, 15.1000, 1.7527**, and if you desaturate by 10%, it is **22.9523, 16.7365, 2.6061**.

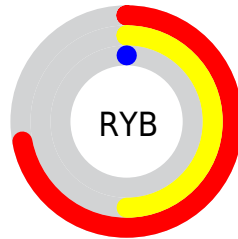
Distribution



Red (72%)

Green (29%)

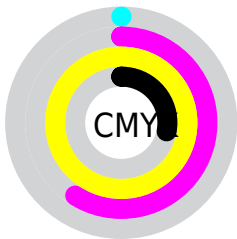
Blue (0%)



Red (72%)

Yellow (50%)

Blue (0%)

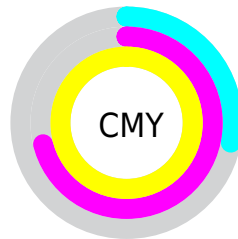


Cyan (0%)

Magenta (59%)

Yellow (100%)

Black (28%)



Cyan (28%)

Magenta (71%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.0445, 15.0994, 1.7526 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 22.0445, 15.0994, 1.7526 by changing the saturation by 10% instead.

■ 22.0445, 15.0994,
1.7526

■ 22.0445, 15.0994,
1.7526

■ 255.4066,
223.9671, 118.4086

■ 14.0064, 8.8892,
0.3964

■ 46.2978, 35.0275,
8.3527

■ 8.2068, 4.6690,
0.0000

■ 63.2438, 49.5141,
14.5378

■ 4.2805, 2.0544,
0.0000

■ 83.8897, 67.5283,
23.2045

■ 1.8620, 0.6388,
0.0000

■ 108.6010, 89.4545,
34.7711


■ 0.5546, 0.0000,
0.0000


■ 137.7429,
115.6771, 49.6563


■ 0.0000, 0.0000,
0.0000


■ 171.6810,


146.5805, 68.2786


 210.7804,
182.5490, 91.0565


 22.0445, 15.0994,
1.7526

 22.0445, 15.0994,
1.7526


 22.0447, 15.1000,
1.7527

 22.9523, 16.7365,
2.6061

 24.0943, 18.6750,
4.0525

 25.5156, 20.9422,
6.2997

 27.2402, 23.5560,
9.4497

 29.2892, 26.5328,
13.5893

■ 31.6814, 29.8875,
18.7947

■ 34.4341, 33.6340,
25.1347

■ 37.5633, 37.7857,
32.6722

■ 41.0837, 42.3549,
41.4656

Harmonies

Analogous

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



27.2553, 15.0994, 6.5779



22.0445, 15.0994, 1.7526



15.5927, 15.0994, 0.6948

Triad

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



22.0445, 15.0994, 1.7526



5.8377, 15.0994, 13.2206



19.3769, 15.0994, 66.8283

Complementary

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



22.0445, 15.0994, 1.7526



13.9093, 14.1432, 46.7962

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.



13.1781, 15.0994, 73.5393



22.0445, 15.0994, 1.7526



6.3406, 15.0994, 33.1335

Square

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



22.0445, 15.0994, 1.7526



7.0668, 15.0994, 3.8331



8.6957, 15.0994, 58.4050



25.4459, 15.0994, 43.6336

Rectangle

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



22.0445, 15.0994, 1.7526



11.8343, 15.0994, 0.8072



8.6957, 15.0994, 58.4050



17.2025, 15.0994, 71.5375

Sweetspot

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



22.0448, 15.1003, 1.7528



61.4106, 59.8878, 44.4016



22.3320, 11.1887, 15.6777



13.0914, 12.5886, 8.7064



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



22.0448, 15.1003, 1.7528



39.2683, 26.6166, 3.0678



32.9293, 36.8693, 5.3810



9.2988, 9.6005, 9.4699



15.4429, 10.6622, 1.2441



0.6057, 0.4985, 0.0643

Inverse Universe

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



13.9093, 14.1432, 46.7962



24.6789, 24.8650, 83.7344



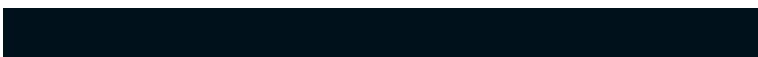
8.7685, 3.8614, 45.0826



8.9497, 9.5766, 11.4562



9.7722, 10.0040, 32.6690



0.4038, 0.4713, 1.1714

Previews

White Background



This preview shows how the XYZ color 22.0445, 15.0994, 1.7526 looks on a white 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

Black Background



This preview shows how the XYZ color 22.0445, 15.0994, 1.7526 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.0445, 15.0994, 1.7526

Background



This preview shows how black text looks on a background with the XYZ color 22.0445, 15.0994, 1.7526.



This preview shows how white text looks on a background with the XYZ color 22.0445, 15.0994,

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

22.0445, 15.0994, 1.7526

Protanopia

13.7462, 15.1919, 2.7801

Deuteranopia

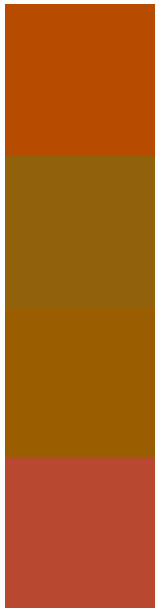
15.4315, 15.3039, 2.1406



Tritanopia

23.4338, 15.1890, 8.1752

Trichromacy



Original Color

22.0445, 15.0994, 1.7526

Protanomaly

16.0122, 14.5933, 2.2895

Deuteranomaly

17.2408, 14.6987, 1.9284

Tritanomaly

22.5976, 15.0303, 4.3994

Monochromacy



Original Color

22.0445, 15.0994, 1.7526

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

13.7593, 12.4170, 6.3742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0445, 15.0994, 1.7526 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(183, 75, 0)` looks like.

```
.text, #text, p{  
    color:rgb(183, 75, 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(183, 75, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 75, 0) }
```

Border

The CSS property to change the border of an element to XYZ 22.0445, 15.0994, 1.7526 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(183, 75, 0) }
```


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

```
.border{ border-color:rgb(183, 75, 0) }
```

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

Here you see how a box with a 4 pixel rgb(183, 75, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 75, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 75, 0);  
box-shadow:4px 4px 4px 4px rgb(183, 75, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 22.0445, 15.0994, 1.7526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 75, 0) }
```

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

```
.background{ background-color: rgb(183, 75,  
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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