

Converting Colors

XYZ(24.1128, 19.9198, 2.5740)

Have a look what the booklet for
XYZ(24.1128, 19.9198, 2.5740)
contains.

XYZ(24.1076, 19.9269, 2.5757)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.1076, 19.9269,
2.5757)**

Conversions

Conversions Part 1

Format	Color
Hex	B56900
RGB	181, 105, 0
RGB Percent	71%, 41%, 0%
CMY	0.2902, 0.5882, 1.0000
CMYK	0.00, 0.42, 1.00, 0.29
HSL	35°, 100%, 35%
HSV	35°, 100%, 71%
XYZ	24.1076, 19.9269, 2.5757
YIQ	115.7540, 79.0010, -16.5430

Conversions

Conversions Part 2

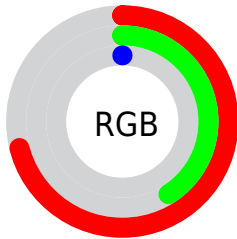
Format	Color
RYB	131, 181, 0
Decimal	11888896
CIELab	51.75, 24.46, 59.41
CIELCh	52, 64.242, 67.624
Yxy	19.9269, 0.5172, 0.4275
Android (android.graphics.Color)	4290078976 (0xFFB56900)
YUV	115.7540, -57.0667, 57.2207
Hunter-Lab	44.6396, 18.2797, 27.8267

Details

The XYZ color **24.1076, 19.9269, 2.5757** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **10.9250, 8.5052, 44.7815**, and the grayscale version is **16.6781, 17.5467, 19.1083**.

A 20% lighter version of the original color is **49.6003, 43.3614, 10.6058**, and **9.4892, 7.0638, 0.8633** is the 20% darker color. If you saturate the color by 10%, you get **24.1077, 19.9273, 2.5757**, and if you desaturate by 10%, it is **25.0271, 21.5900, 3.4251**.

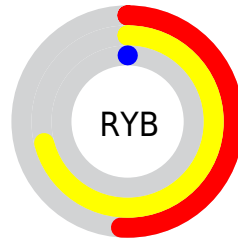
Distribution



Red (71%)

Green (41%)

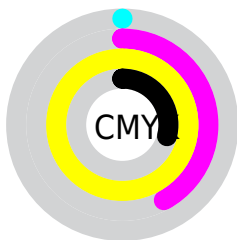
Blue (0%)



Red (51%)

Yellow (71%)

Blue (0%)

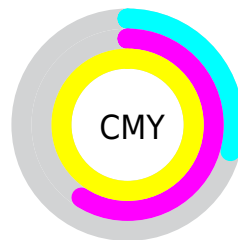


Cyan (0%)

Magenta (42%)

Yellow (100%)

Black (29%)



Cyan (29%)


Magenta (59%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.1076, 19.9269, 2.5757 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 24.1076, 19.9269, 2.5757 by changing the saturation by 10% instead.


 24.1076, 19.9269,
2.5757


 24.1076, 19.9269,
2.5757


265.7944,
251.5191, 130.7582


 15.5386, 12.3419,
0.8799


 49.6591, 43.2946,
10.5622


 9.2870, 6.9770,
0.0000


 67.3724, 59.8461,
17.6923

 4.9875, 3.4477,
0.0000

 88.8645, 80.1552,
27.4718

 2.2746, 1.3697,
0.0000

 114.5007,
104.6064, 40.3192

 0.7816, 0.1942,
0.0000

 144.6465,
133.5839, 56.6530

 0.0000, 0.0000,
0.0000

 179.6671,

167.4723, 76.8917

219.9280,
206.6559, 101.4539

24.1076, 19.9269,
2.5757

24.1076, 19.9269,
2.5757

24.1077, 19.9273,
2.5757

25.0271, 21.5900,
3.4251

26.1186, 23.4346,
4.8324

27.4226, 25.4803,
7.0008

28.9594, 27.7378,
10.0283

30.7460, 30.2166,
13.9983

■ 32.7980, 32.9251,
18.9838

■ 35.1291, 35.8714,
25.0510

■ 37.7522, 39.0628,
32.2601

■ 40.6792, 42.5064,
40.6670

Harmonies

Analogous

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



30.6644, 19.9269, 6.3599



24.1076, 19.9269, 2.5757



17.3296, 19.9269, 2.0428

Triad

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



24.1076, 19.9269, 2.5757



9.0563, 19.9269, 26.8010



27.6407, 19.9269, 64.1905

Complementary

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



24.1076, 19.9269, 2.5757



10.9250, 8.5052, 44.7815

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.



20.6470, 19.9269, 80.0291



24.1076, 19.9269, 2.5757



10.6650, 19.9269, 51.7070

Square

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



24.1076, 19.9269, 2.5757



9.5737, 19.9269, 10.7239



14.5691, 19.9269, 74.4835



33.0081, 19.9269, 38.3758

Rectangle

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



24.1076, 19.9269, 2.5757



13.7156, 19.9269, 2.9250



14.5691, 19.9269, 74.4835



25.3464, 19.9269, 71.3756

Sweetspot

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



24.1080, 19.9280, 2.5761



62.6929, 63.9687, 44.2691



20.4468, 10.3802, 8.2161



13.1650, 13.3437, 8.5513



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



24.1080, 19.9280, 2.5761



42.9470, 35.2300, 4.5365



32.8716, 41.4750, 6.2732



8.8921, 9.2967, 8.9783



16.6893, 13.8771, 1.7989



0.5813, 0.5489, 0.0753

Inverse Universe

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



10.9250, 8.5052, 44.7815



19.3525, 14.8047, 80.1322



8.4931, 3.4150, 43.9271



8.3254, 8.7970, 10.7655



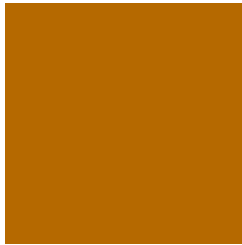
7.5968, 5.9939, 30.8935



0.2972, 0.3050, 0.9914

Previews

White Background



This preview shows how the XYZ color 24.1076, 19.9269, 2.5757 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 24.1076, 19.9269, 2.5757 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 24.1076, 19.9269, 2.5757

Background



This preview shows how black text looks on a background with the XYZ color 24.1076, 19.9269, 2.5757.



This preview shows how white text looks on a background with the XYZ color 24.1076, 19.9269,

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

24.1076, 19.9269, 2.5757

Protanopia

18.1021, 20.0225, 3.3261

Deuteranopia

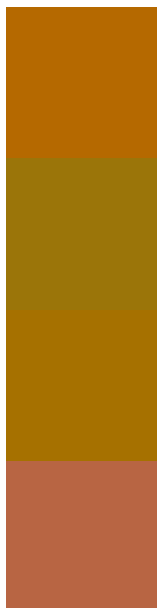
20.3831, 20.1250, 2.8102



Tritanopia

26.9251, 20.0696, 15.8193

Trichromacy



Original Color

24.1076, 19.9269, 2.5757

Protanomaly

19.9282, 19.7109, 3.0127

Deuteranomaly

21.6310, 19.9172, 2.7043

Tritanomaly

25.4340, 19.9030, 7.8113

Monochromacy



Original Color

24.1076, 19.9269, 2.5757

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.8454, 17.6582, 8.9464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1076, 19.9269, 2.5757 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(181, 105, 0)` looks like.

```
.text, #text, p{  
    color:rgb(181, 105, 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(181, 105, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 105, 0) }
```

Border

The CSS property to change the border of an element to XYZ 24.1076, 19.9269, 2.5757 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(181, 105, 0) }
```


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

```
.border{ border-color:rgb(181, 105, 0) }
```

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

Here you see how a box with a 4 pixel rgb(181, 105, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 105, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 105, 0);  
box-shadow:4px 4px 4px 4px rgb(181, 105,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1076, 19.9269, 2.5757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 105, 0) }
```

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

```
.background{ background-color: rgb(181,  
105, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor