

Converting Colors

XYZ(21.0272, 19.2745, 2.7844)

Have a look what the booklet for
XYZ(21.0272, 19.2745, 2.7844)
contains.

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Color

**XYZ(21.0272, 19.2745,
2.7844)**

Conversions

Conversions Part 1

Format	Color
Hex	A46F06
RGB	164, 111, 6
RGB Percent	64%, 44%, 2%
CMY	0.3569, 0.5647, 0.9764
CMYK	0.00, 0.32, 0.96, 0.36
HSL	40°, 93%, 33%
HSV	40°, 96%, 64%
XYZ	21.0272, 19.2745, 2.7844
YIQ	114.8770, 65.2930, -21.4190

Conversions

Conversions Part 2

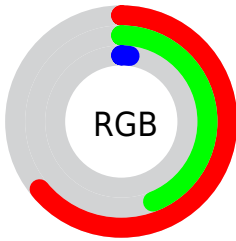
Format	Color
RYB	86, 164, 6
Decimal	10776326
CIELab	51.01, 13.58, 56.61
CIELCh	51, 58.212, 76.510
Yxy	19.2745, 0.4880, 0.4473
Android (android.graphics.Color)	4288966406 (0xFFA46F06)
YUV	114.8770, -53.6764, 43.0809
Hunter-Lab	43.9027, 8.6627, 26.9716

Details

The XYZ color **21.0272, 19.2745, 2.7844** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **8.3401, 5.8473, 35.8109**, and the grayscale version is **16.4028, 17.2570, 18.7929**.

A 20% lighter version of the original color is **44.8508, 42.4469, 11.1394**, and **7.8409, 6.6808, 0.8763** is the 20% darker color. If you saturate the color by 10%, you get **20.7773, 18.8275, 2.5390**, and if you desaturate by 10%, it is **21.7624, 20.5596, 3.6012**.

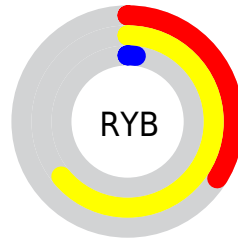
Distribution



Red (64%)

Green (44%)

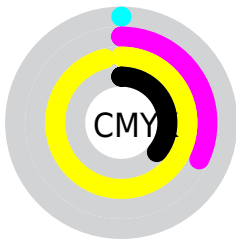
Blue (2%)



Red (34%)

Yellow (64%)

Blue (2%)

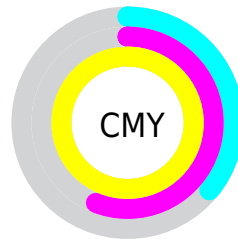


Cyan (0%)

Magenta (32%)

Yellow (96%)

Black (36%)



Cyan (36%)

Magenta (56%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0272, 19.2745, 2.7844 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 21.0272, 19.2745, 2.7844 by changing the saturation by 10% instead.

■ 21.0272, 19.2745,
2.7844

■ 21.0272, 19.2745,
2.7844

250.1520,
247.9600, 133.5654

■ 13.2565, 11.8688,
0.9856

■ 44.6237, 42.1974,
11.0916

■ 7.6836, 6.6544,
0.0000

■ 61.1802, 58.4834,
18.4372

■ 3.9433, 3.2469,
0.0000

■ 81.3960, 78.4983,
28.4687

■ 1.6701, 1.2620,
0.0000

■ 105.6365,
102.6265, 41.6048

■ 0.4374, 0.1115,
0.0000

■ 134.2670,
131.2524, 58.2640

■ 0.0000, 0.0000,
0.0000

■ 167.6528,

164.7603, 78.8648

■ 206.1594,
203.5347, 103.8258

■ 21.0272, 19.2745,
2.7844

■ 21.0272, 19.2745,
2.7844

■ 20.7773, 18.8275,
2.5390

■ 21.7624, 20.5596,
3.6012

■ 22.6331, 21.9583,
4.9482

■ 23.6594, 23.4805,
6.9257

■ 24.8554, 25.1326,
9.6049

■ 26.2333, 26.9207,
13.0476

■ 27.8041, 28.8500,
17.3085

■ 29.5777, 30.9254,
22.4374

■ 31.5635, 33.1515,
28.4801

■ 33.7699, 35.5326,
35.4791

Harmonies

Analogous

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



27.0497, 19.2745, 5.3595



21.0272, 19.2745, 2.7844



15.3488, 19.2745, 2.8985

Triad

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



21.0272, 19.2745, 2.7844



9.6196, 19.2745, 31.3546



27.5885, 19.2745, 51.2661

Complementary

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



21.0272, 19.2745, 2.7844



8.3401, 5.8473, 35.8109

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.



21.6515, 19.2745, 68.4622



21.0272, 19.2745, 2.7844



11.7049, 19.2745, 53.4407

Square

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



21.0272, 19.2745, 2.7844



9.5216, 19.2745, 14.4221



15.8554, 19.2745, 69.4185



31.3402, 19.2745, 29.2909

Rectangle

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



21.0272, 19.2745, 2.7844



12.4881, 19.2745, 4.4210



15.8554, 19.2745, 69.4185



25.7321, 19.2745, 58.2050

Sweetspot

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



21.0276, 19.2755, 2.7848



52.6147, 54.8969, 37.5641



16.2255, 8.3631, 5.2171



11.2185, 11.6687, 7.3918



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



21.0276, 19.2755, 2.7848



37.5153, 33.7769, 4.5423



24.1743, 32.1656, 5.1070



7.4483, 7.8351, 7.4998



15.9762, 14.5264, 1.9618



0.3765, 0.3868, 0.0548

Inverse Universe

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



8.3401, 5.8473, 35.8109



14.4708, 9.4805, 64.8196



7.2929, 3.0823, 35.3324



6.8856, 7.2302, 8.9357



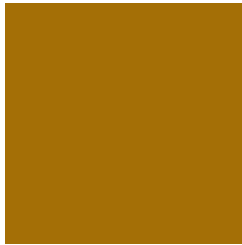
6.2260, 4.2313, 27.4184



0.1729, 0.1732, 0.5902

Previews

White Background



This preview shows how the XYZ color 21.0272, 19.2745, 2.7844 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 21.0272, 19.2745, 2.7844 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 21.0272, 19.2745, 2.7844

Background



This preview shows how black text looks on a background with the XYZ color 21.0272, 19.2745, 2.7844.



This preview shows how white text looks on a background with the XYZ color 21.0272, 19.2745,

2.7844.

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

21.0272, 19.2745, 2.7844

Protanopia

17.5071, 19.3489, 3.1598

Deuteranopia

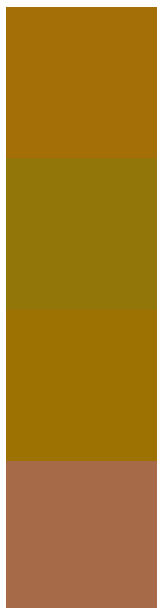
19.5718, 19.3608, 2.7055



Tritanopia

24.0817, 19.2832, 17.4917

Trichromacy



Original Color

21.0272, 19.2745, 2.7844

Protanomaly

18.5658, 19.1818, 3.0111

Deuteranomaly

20.1288, 19.3081, 2.7234

Tritanomaly

22.2930, 19.0046, 8.7966

Monochromacy



Original Color

21.0272, 19.2745, 2.7844

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.9602, 17.5292, 9.1462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0272, 19.2745, 2.7844 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(164, 111, 6)` looks like.

```
.text, #text, p{  
    color:rgb(164, 111, 6)  
}
```

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(164, 111, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 111, 6) }
```

Border

The CSS property to change the border of an element to XYZ 21.0272, 19.2745, 2.7844 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(164, 111, 6) }
```


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

```
.border{ border-color:rgb(164, 111, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 111, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 111, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 111, 6);  
box-shadow:4px 4px 4px 4px rgb(164, 111,  
6) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0272, 19.2745, 2.7844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 111, 6) }
```

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

```
.background{ background-color: rgb(164,  
111, 6) }
```

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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