

Converting Colors

XYZ(19.1810, 16.5329, 2.5560)

Have a look what the booklet for
XYZ(19.1810, 16.5329, 2.5560)
contains.

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Color

**XYZ(19.2324, 16.5298,
2.5577)**

Conversions

Conversions Part 1

Format	Color
Hex	A1630D
RGB	161, 99, 13
RGB Percent	63%, 39%, 5%
CMY	0.3686, 0.6117, 0.9490
CMYK	0.00, 0.39, 0.92, 0.37
HSL	35°, 85%, 34%
HSV	35°, 92%, 63%
XYZ	19.2324, 16.5298, 2.5577
YIQ	107.7340, 64.5580, -13.6020

Conversions

Conversions Part 2

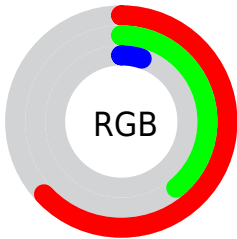
Format	Color
R_{YB}	120, 161, 13
Decimal	10576653
CIE Lab	47.66, 19.14, 52.48
CIE LCh	48, 55.863, 69.968
Yxy	16.5298, 0.5019, 0.4314
Android (android.graphics.Color)	4288766733 (0xFFA1630D)
YUV	107.7340, -46.7039, 46.7143
Hunter-Lab	40.6569, 13.2885, 24.7299

Details

The XYZ color **19.2324, 16.5298, 2.5577** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **9.1151, 7.6909, 34.7219**, and the grayscale version is **14.2939, 15.0382, 16.3767**.

A 20% lighter version of the original color is **41.7685, 37.6022, 10.5254**, and **6.9369, 5.3990, 0.6765** is the 20% darker color. If you saturate the color by 10%, you get **18.6612, 15.5038, 2.0090**, and if you desaturate by 10%, it is **20.0491, 17.9226, 3.5719**.

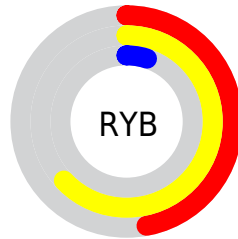
Distribution



Red (63%)

Green (39%)

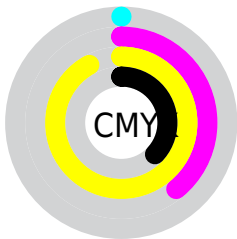
Blue (5%)



Red (47%)

Yellow (63%)

Blue (5%)

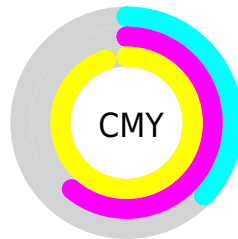


Cyan (0%)

Magenta (39%)

Yellow (92%)

Black (37%)



Cyan (37%)

Magenta (61%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2324, 16.5298, 2.5577 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 19.2324, 16.5298, 2.5577 by changing the saturation by 10% instead.

■ 19.2324, 16.5298,
2.5577

■ 19.2324, 16.5298,
2.5577

240.6423,
232.4480, 130.5110

■ 11.9433, 9.8998,
0.8705

■ 41.6403, 37.5155,
10.5160

■ 6.7770, 5.3326,
0.0000

■ 57.4898, 52.6401,
17.6272

■ 3.3681, 2.4437,
0.0000

■ 76.9235, 71.3650,
27.3845

■ 1.3513, 0.8482,
0.0000

■ 100.3067, 94.0746,
40.2064


■ 0.2211, 0.0000,
0.0000


■ 128.0049,
121.1533, 56.5114


■ 0.0000, 0.0000,
0.0000


■ 160.3833,


152.9855, 76.7182


 197.8073,
189.9556, 101.2452


 19.2324, 16.5298,
2.5577


 19.2324, 16.5298,
2.5577


 18.6612, 15.5038,
2.0090

 20.0491, 17.9226,
3.5719

 21.0241, 19.4655,
5.1525

 22.1735, 21.1675,
7.3751

 23.5102, 23.0356,
10.3035

 25.0461, 25.0764,
13.9937

■ 26.7916, 27.2959,
18.4958

■ 28.7566, 29.6997,
23.8558

■ 30.9501, 32.2930,
30.1162

■ 33.3805, 35.0810,
37.3166

Harmonies

Analogous

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



24.2720, 16.5298, 5.4880



19.2324, 16.5298, 2.5577



14.1080, 16.5298, 2.2328

Triad

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



19.2324, 16.5298, 2.5577



8.0288, 16.5298, 23.1864



22.7159, 16.5298, 48.3421

Complementary

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



19.2324, 16.5298, 2.5577



9.1151, 7.6909, 34.7219

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.



17.4313, 16.5298, 60.8973



19.2324, 16.5298, 2.5577



9.4449, 16.5298, 42.0503

Square

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



19.2324, 16.5298, 2.5577



8.3105, 16.5298, 10.1307



12.6482, 16.5298, 58.1284



26.5600, 16.5298, 29.1477

Rectangle

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



19.2324, 16.5298, 2.5577



11.3889, 16.5298, 3.1455



12.6482, 16.5298, 58.1284



21.0081, 16.5298, 53.8431

Sweetspot

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



19.2328, 16.5307, 2.5580



49.1324, 50.3098, 36.2090



16.1861, 8.4027, 7.8151



10.4748, 10.6608, 7.1364



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



19.2328, 16.5307, 2.5580



33.2221, 27.3686, 3.5317



25.6046, 32.1106, 5.2294



7.3996, 7.7375, 7.4836



14.9452, 12.4644, 1.6182



0.3593, 0.3524, 0.0491

Inverse Universe

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



9.1151, 7.6909, 34.7219



14.9773, 11.5210, 61.8209



6.9274, 3.0418, 33.9399



6.9329, 7.3248, 8.9515



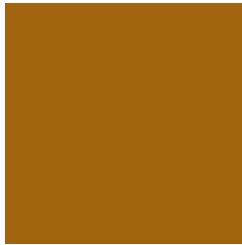
6.8006, 5.3806, 27.6099



0.1891, 0.2055, 0.5956

Previews

White Background



This preview shows how the XYZ color 19.2324, 16.5298, 2.5577 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 19.2324, 16.5298, 2.5577 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 19.2324, 16.5298, 2.5577

Background



This preview shows how black text looks on a background with the XYZ color 19.2324, 16.5298, 2.5577.



This preview shows how white text looks on a background with the XYZ color 19.2324, 16.5298,

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

19.2324, 16.5298, 2.5577

Protanopia

15.0286, 16.6675, 2.9973

Tritanopia

21.5963, 16.5545, 13.8615

Trichromacy



Original Color

19.2324, 16.5298, 2.5577

Protanomaly

16.3774, 16.5501, 2.8215

Tritanomaly

20.4454, 16.4943, 7.5750

Monochromacy



Original Color

19.2324, 16.5298, 2.5577

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.0066, 15.0962, 8.4263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2324, 16.5298, 2.5577 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(161, 99, 13)` looks like.

```
.text, #text, p{  
    color:rgb(161, 99, 13)  
}
```

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(161, 99, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 99, 13) }
```

Border

The CSS property to change the border of an element to XYZ 19.2324, 16.5298, 2.5577 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(161, 99, 13) }
```

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

```
.border{ border-color:rgb(161, 99, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 99, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 99, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 99, 13);  
box-shadow:4px 4px 4px 4px rgb(161, 99,  
13) }
```


Background

The CSS property to change the background color of an element to XYZ 19.2324, 16.5298, 2.5577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 99, 13) }
```

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

```
.background{ background-color: rgb(161, 99,  
13) }
```

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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