

Converting Colors

XYZ(19.0954, 16.3842, 2.4861)

Have a look what the booklet for
XYZ(19.0954, 16.3842, 2.4861)
contains.

XYZ(19.1260, 16.3366, 2.4618)	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(19.1260, 16.3366,
2.4618)**

Conversions

Conversions Part 1

Format	Color
Hex	A1620B
RGB	161, 98, 11
RGB Percent	63%, 38%, 4%
CMY	0.3686, 0.6157, 0.9568
CMYK	0.00, 0.39, 0.93, 0.37
HSL	35°, 87%, 34%
HSV	35°, 93%, 63%
XYZ	19.1260, 16.3366, 2.4618
YIQ	106.9190, 65.4750, -13.7010

Conversions

Conversions Part 2

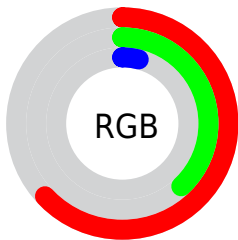
Format	Color
R_{YB}	120, 161, 11
Decimal	10576395
CIE _{Lab}	47.41, 19.67, 52.78
CIE _{LCh}	47, 56.324, 69.564
Yxy	16.3366, 0.5043, 0.4308
Android (android.graphics.Color)	4288766475 (0xFFA1620B)
YUV	106.9190, -47.2881, 47.4290
Hunter-Lab	40.4186, 13.7334, 24.6818

Details

The XYZ color **19.1260, 16.3366, 2.4618** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **9.0197, 7.5417, 34.6982**, and the grayscale version is **14.0674, 14.8000, 16.1172**.

A 20% lighter version of the original color is **41.5794, 37.2723, 10.3130**, and **6.8927, 5.3107, 0.6618** is the 20% darker color. If you saturate the color by 10%, you get **18.6459, 15.4732, 2.0039**, and if you desaturate by 10%, it is **19.9246, 17.7123, 3.4119**.

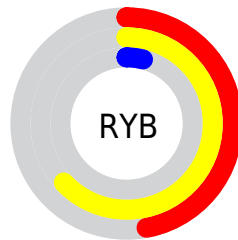
Distribution



Red (63%)

Green (38%)

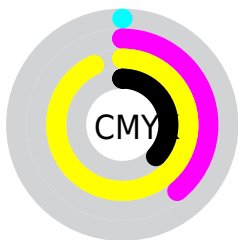
Blue (4%)



Red (47%)

Yellow (63%)

Blue (4%)

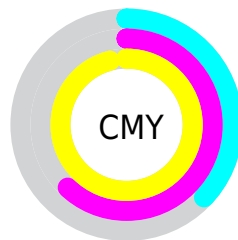


Cyan (0%)

Magenta (39%)

Yellow (93%)

Black (37%)



Cyan (37%)

Magenta (62%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1260, 16.3366, 2.4618 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 19.1260, 16.3366, 2.4618 by changing the saturation by 10% instead.

■ 19.1260, 16.3366,
2.4618

■ 19.1260, 16.3366,
2.4618

240.0682,
231.3198, 129.1794

■ 11.8659, 9.7627,
0.8198

■ 41.4621, 37.1816,
10.2687

■ 6.7240, 5.2419,
0.0000

■ 57.2689, 52.2214,
17.2778

■ 3.3349, 2.3899,
0.0000

■ 76.6552, 70.8520,
26.9154

■ 1.3332, 0.8207,
0.0000

■ 99.9865, 93.4577,
39.6000


■ 0.2079, 0.0000,
0.0000


■ 127.6281,
120.4229, 55.7501


■ 0.0000, 0.0000,
0.0000


■ 159.9453,


152.1321, 75.7844


 197.3036,
188.9696, 100.1213

 19.1260, 16.3366,
2.4618


 19.1260, 16.3366,
2.4618


 18.6459, 15.4732,
2.0039

 19.9246, 17.7123,
3.4119

 20.8798, 19.2374,
4.9178

 22.0077, 20.9211,
7.0573

 23.3217, 22.7707,
9.8952

 24.8338, 24.7928,
13.4884

■ 26.5546, 26.9935,
17.8876

■ 28.4939, 29.3783,
23.1393

■ 30.6610, 31.9527,
29.2864

■ 33.0642, 34.7218,
36.3688

Harmonies

Analogous

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



24.1653, 16.3366, 5.3949



19.1260, 16.3366, 2.4618



13.9866, 16.3366, 2.1184

Triad

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



19.1260, 16.3366, 2.4618



7.8550, 16.3366, 22.7573



22.4790, 16.3366, 48.5118

Complementary

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



19.1260, 16.3366, 2.4618



9.0197, 7.5417, 34.6982

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.



17.1775, 16.3366, 60.9996



19.1260, 16.3366, 2.4618



9.2408, 16.3366, 41.6715

Square

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



19.1260, 16.3366, 2.4618



8.1577, 16.3366, 9.8121



12.4112, 16.3366, 57.9849



26.3709, 16.3366, 29.2167

Rectangle

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



19.1260, 16.3366, 2.4618



11.2566, 16.3366, 2.9904



12.4112, 16.3366, 57.9849



20.7613, 16.3366, 54.0144

Sweetspot

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



19.1264, 16.3375, 2.4621



49.1193, 50.2835, 36.2046



16.1221, 8.3382, 7.5975



10.4715, 10.6544, 7.1353



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.



19.1264, 16.3375, 2.4621



33.1947, 27.3136, 3.5225



25.5676, 32.0929, 5.1637



7.3989, 7.7362, 7.4834



14.9330, 12.4400, 1.6141



0.3590, 0.3519, 0.0490

Inverse Universe

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



9.0197, 7.5417, 34.6982



14.9957, 11.5578, 61.8271



6.8620, 2.9721, 33.9299



6.9335, 7.3260, 8.9517



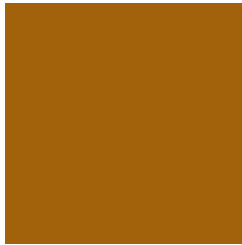
6.8089, 5.3973, 27.6127



0.1893, 0.2059, 0.5956

Previews

White Background



This preview shows how the XYZ color 19.1260, 16.3366, 2.4618 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 19.1260, 16.3366, 2.4618 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 19.1260, 16.3366, 2.4618

Background



This preview shows how black text looks on a background with the XYZ color 19.1260, 16.3366, 2.4618.



This preview shows how white text looks on a background with the XYZ color 19.1260, 16.3366,

2.4618.

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

19.1260, 16.3366, 2.4618

Protanopia

14.7511, 16.3597, 2.8705

Deuteranopia

16.5854, 16.3550, 2.2827



Tritanopia

21.4627, 16.3633, 13.5825

Trichromacy



Original Color

19.1260, 16.3366, 2.4618

Protanomaly

16.0893, 16.2458, 2.7032

Deuteranomaly

17.5499, 16.3934, 2.3541

Tritanomaly

20.2959, 16.2913, 7.2291

Monochromacy



Original Color

19.1260, 16.3366, 2.4618

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.8724, 14.8805, 8.2193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1260, 16.3366, 2.4618 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, 98, 11)` looks like.

```
.text, #text, p{  
    color:rgb(161, 98, 11)  
}
```

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, 98, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 98, 11) }
```

Border

The CSS property to change the border of an element to XYZ 19.1260, 16.3366, 2.4618 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, 98, 11) }
```


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

```
.border{ border-color:rgb(161, 98, 11) }
```

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

Here you see how a box with a 4 pixel rgb(161, 98, 11) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 98, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 98, 11);  
box-shadow:4px 4px 4px 4px rgb(161, 98,  
11) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1260, 16.3366, 2.4618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 98, 11) }
```

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

```
.background{ background-color: rgb(161, 98,  
11) }
```

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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