

Converting Colors

XYZ(19.1634, 11.7723, 2.4339)

Have a look what the booklet for
XYZ(19.1634, 11.7723, 2.4339)
contains.

XYZ(19.1741, 11.7489, 2.4196)	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(19.1741, 11.7489,
2.4196)**

Conversions

Conversions Part 1

Format	Color
Hex	AF351D
RGB	175, 53, 29
RGB Percent	69%, 21%, 11%
CMY	0.3137, 0.7921, 0.8863
CMYK	0.00, 0.70, 0.83, 0.31
HSL	10°, 72%, 40%
HSV	10°, 83%, 69%
XYZ	19.1741, 11.7489, 2.4196
YIQ	86.7420, 80.4160, 18.4000

Conversions

Conversions Part 2

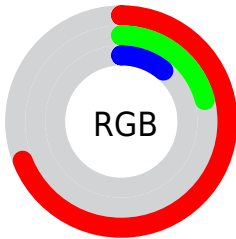
Format	Color
R_{YB}	175, 58, 29
Decimal	11482397
CIE _{Lab}	40.81, 48.35, 41.73
CIE _{LCh}	41, 63.870, 40.792
Yxy	11.7489, 0.5751, 0.3524
Android (android.graphics.Color)	4289672477 (0xFFAF351D)
YUV	86.7420, -28.4668, 77.4023
Hunter-Lab	34.2767, 39.8673, 19.8084

Details

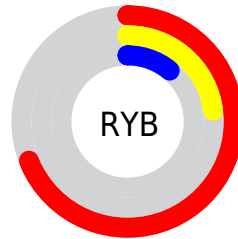
The XYZ color **19.1741, 11.7489, 2.4196** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **19.3099, 25.4871, 44.4589**, and the grayscale version is **9.0514, 9.5228, 10.3704**.

A 20% lighter version of the original color is **41.4527, 29.0279, 10.0748**, and **6.9394, 3.5774, 0.3248** is the 20% darker color. If you saturate the color by 10%, you get **18.4480, 10.5503, 1.3961**, and if you desaturate by 10%, it is **20.2270, 13.4049, 4.1582**.

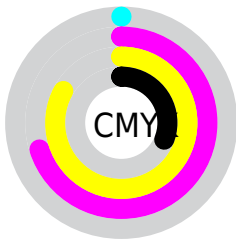
Distribution



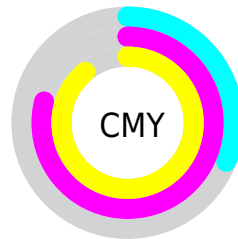
- Red (69%)
- Green (21%)
- Blue (11%)



- Red (69%)
- Yellow (23%)
- Blue (11%)



- Cyan (0%)
- Magenta (70%)
- Yellow (83%)
- Black (31%)





- Cyan (31%)
- Magenta (79%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1741, 11.7489, 2.4196 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 19.1741, 11.7489, 2.4196 by changing the saturation by 10% instead.


 19.1741, 11.7489,
2.4196


 19.1741, 11.7489,
2.4196


240.3279,
202.7358, 128.5854


 11.9009, 6.5729,
0.7971


 41.5427, 29.0369,
10.1591


 6.7479, 3.1965,
0.0000


 57.3688, 41.9178,
17.1227

 3.3499, 1.2352,
0.0000

 76.7765, 58.1358,
26.7068

 1.3414, 0.0901,
0.0000

 100.1313, 78.0752,
39.3301

 0.2139, 0.0000,
0.0000


 127.7985,
102.1206, 55.4111


 0.0000, 0.0000,
0.0000


 160.1434,


130.6562, 75.3683


 197.5314,
164.0664, 99.6202


 19.1741, 11.7489,
2.4196


 19.1741, 11.7489,
2.4196


 18.4480, 10.5503,
1.3961


 20.2270, 13.4049,
4.1582

 18.1130, 9.9817,
0.9720

 21.6409, 15.5569,
6.7129

 23.4464, 18.2419,
10.1688

 25.6702, 21.4926,
14.6002

 28.3369, 25.3390,
20.0736

■ 31.4692, 29.8091,
26.6497

■ 35.0879, 34.9289,
34.3845

■ 39.2129, 40.7232,
43.3302

■ 43.8628, 47.2152,
53.5357

Harmonies

Analogous

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



22.1365, 11.7489, 8.6559



19.1741, 11.7489, 2.4196



14.2953, 11.7489, 0.7030

Triad

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



19.1741, 11.7489, 2.4196



4.7813, 11.7489, 6.1997



12.8842, 11.7489, 56.4783

Complementary

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



19.1741, 11.7489, 2.4196



19.3099, 25.4871, 44.4589

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.



8.5320, 11.7489, 53.9588



19.1741, 11.7489, 2.4196



4.5952, 11.7489, 18.0733

Square

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



19.1741, 11.7489, 2.4196



6.3761, 11.7489, 1.6609



5.7722, 11.7489, 37.0933



17.9031, 11.7489, 42.6281

Rectangle

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



19.1741, 11.7489, 2.4196



11.0467, 11.7489, 0.4548



5.7722, 11.7489, 37.0933



11.2882, 11.7489, 57.6713

Sweetspot

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



19.1744, 11.7496, 2.4198



55.1676, 51.6910, 45.2054



23.8765, 12.2959, 31.2951



11.8241, 10.8652, 9.1265



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



19.1744, 11.7496, 2.4198



32.3343, 17.6658, 1.7056



25.0960, 23.5929, 4.3937



8.1077, 8.2202, 8.3727



13.0027, 7.2110, 0.7065



0.3932, 0.2635, 0.0301

Inverse Universe

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



19.3099, 25.4871, 44.4589



32.1920, 42.2108, 79.0877



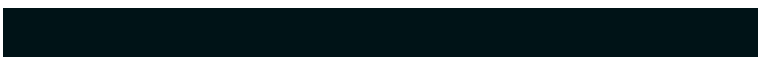
11.1206, 9.1084, 41.7292



8.1226, 8.8445, 10.2317



12.9653, 17.0644, 31.6549



0.3900, 0.5334, 0.8904

Previews

White Background



This preview shows how the XYZ color 19.1741, 11.7489, 2.4196 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 19.1741, 11.7489, 2.4196 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 19.1741, 11.7489, 2.4196

Background



This preview shows how black text looks on a background with the XYZ color 19.1741, 11.7489, 2.4196.



This preview shows how white text looks on a background with the XYZ color 19.1741, 11.7489,

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

19.1741, 11.7489, 2.4196

Protanopia

10.8593, 11.8976, 3.8219

Deuteranopia

12.0748, 11.8970, 2.0754



Tritanopia

19.6877, 11.7684, 4.6020

Trichromacy



Original Color

19.1741, 11.7489, 2.4196

Protanomaly

12.7921, 10.9240, 3.1846

Deuteranomaly

13.9973, 11.2466, 2.0492

Tritanomaly

19.5429, 11.7796, 3.6265

Monochromacy



Original Color

19.1741, 11.7489, 2.4196

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

11.1072, 9.3474, 6.3731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1741, 11.7489, 2.4196 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(175, 53, 29)` looks like.

```
.text, #text, p{  
    color:rgb(175, 53, 29)  
}
```

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(175, 53, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 53, 29) }
```

Border

The CSS property to change the border of an element to XYZ 19.1741, 11.7489, 2.4196 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(175, 53, 29) }
```


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

```
.border{ border-color:rgb(175, 53, 29) }
```

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

Here you see how a box with a 4 pixel rgb(175, 53, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 53, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 53, 29);  
box-shadow:4px 4px 4px 4px rgb(175, 53,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1741, 11.7489, 2.4196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 53, 29) }
```

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

```
.background{ background-color: rgb(175, 53,  
29) }
```

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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