

Converting Colors

XYZ(19.0523, 12.2233, 2.3333)

Have a look what the booklet for
XYZ(19.0523, 12.2233, 2.3333)
contains.

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Color

**XYZ(19.0359, 12.1905,
2.3270)**

Conversions

Conversions Part 1

Format	Color
Hex	AD3C1A
RGB	173, 60, 26
RGB Percent	68%, 24%, 10%
CMY	0.3216, 0.7647, 0.8980
CMYK	0.00, 0.65, 0.85, 0.32
HSL	14°, 74%, 39%
HSV	14°, 85%, 68%
XYZ	19.0359, 12.1905, 2.3270
YIQ	89.9110, 78.2620, 13.3820

Conversions

Conversions Part 2

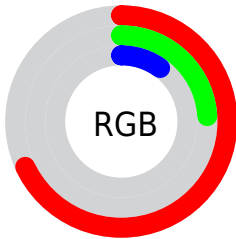
Format	Color
R_{YB}	173, 70, 26
Decimal	11353114
CIE _{Lab}	41.52, 44.62, 43.67
CIE _{LCh}	42, 62.430, 44.382
Yxy	12.1905, 0.5673, 0.3633
Android (android.graphics.Color)	4289543194 (0xFFAD3C1A)
YUV	89.9110, -31.5081, 72.8691
Hunter-Lab	34.9149, 36.2187, 20.4889

Details

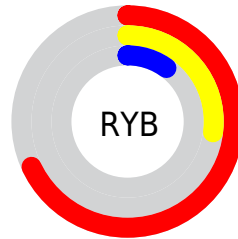
The XYZ color **19.0359, 12.1905, 2.3270** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **17.2006, 21.7003, 42.8169**, and the grayscale version is **9.7549, 10.2629, 11.1763**.

A 20% lighter version of the original color is **41.3687, 29.9535, 9.9046**, and **6.8101, 3.5107, 0.3187** is the 20% darker color. If you saturate the color by 10%, you get **18.2861, 10.9131, 1.3925**, and if you desaturate by 10%, it is **20.0777, 13.8661, 3.9328**.

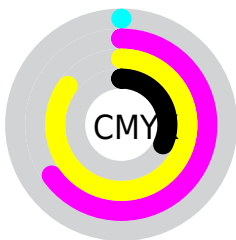
Distribution



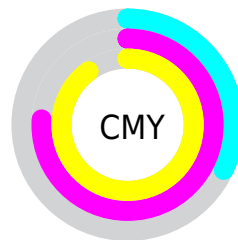
- Red (68%)
- Green (24%)
- Blue (10%)



- Red (68%)
- Yellow (27%)
- Blue (10%)



- Cyan (0%)
- Magenta (65%)
- Yellow (85%)
- Black (32%)





- Cyan (32%)
- Magenta (76%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0359, 12.1905, 2.3270 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 19.0359, 12.1905, 2.3270 by changing the saturation by 10% instead.


 19.0359, 12.1905,
2.3270


 19.0359, 12.1905,
2.3270


239.5812,
205.6624, 127.2640


 11.8004, 6.8736,
0.7463


 41.3112, 29.8416,
9.9169

 6.6791, 3.3831,
0.0000


 57.0816, 42.9445,
16.7792


 3.3068, 1.3349,
0.0000

 76.4277, 59.4116,
26.2445

 1.3180, 0.1680,
0.0000

 99.7149, 79.6271,
38.7313

 0.1966, 0.0000,
0.0000


 127.3085,
103.9756, 54.6580


 0.0000, 0.0000,
0.0000


 159.5738,


132.8414, 74.4434


 196.8763,
166.6088, 98.5059


 19.0359, 12.1905,
2.3270


 19.0359, 12.1905,
2.3270


 18.2861, 10.9131,
1.3925


 20.0777, 13.8661,
3.9328

 17.9930, 10.4031,
1.0597

 21.4412, 15.9691,
6.3111

 23.1527, 18.5281,
9.5452

 25.2355, 21.5687,
13.7076

 27.7106, 25.1142,
18.8630

■ 30.5975, 29.1867,
25.0701

■ 33.9142, 33.8066,
32.3833

■ 37.6779, 38.9936,
40.8529

■ 41.9045, 44.7660,
50.5263

Harmonies

Analogous

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



22.3019, 12.1905, 7.9697



19.0359, 12.1905, 2.3270



14.1066, 12.1905, 0.8010

Triad

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



19.0359, 12.1905, 2.3270



5.0359, 12.1905, 7.6036



13.8997, 12.1905, 55.3738

Complementary

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



19.0359, 12.1905, 2.3270



17.2006, 21.7003, 42.8169

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.



9.3863, 12.1905, 55.0118



19.0359, 12.1905, 2.3270



5.0079, 12.1905, 20.5243

Square

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



19.0359, 12.1905, 2.3270



6.4794, 12.1905, 2.2092



6.3892, 12.1905, 39.6607



18.8506, 12.1905, 40.4594

Rectangle

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



19.0359, 12.1905, 2.3270



10.9307, 12.1905, 0.6526



6.3892, 12.1905, 39.6607



12.2684, 12.1905, 57.2404

Sweetspot

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



19.0362, 12.1912, 2.3272



54.5409, 51.9104, 44.3376



22.4218, 11.5506, 26.3056



11.4561, 10.7236, 8.7757



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



19.0362, 12.1912, 2.3272



32.0886, 18.3593, 1.8524



25.5834, 25.2856, 4.5096



8.1500, 8.3049, 8.3868



13.2559, 7.7174, 0.7909



0.4098, 0.2968, 0.0357

Inverse Universe

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



17.2006, 21.7003, 42.8169



28.3547, 35.0951, 76.0854



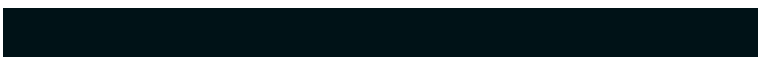
10.0149, 7.3289, 40.4217



8.0769, 8.7532, 10.2165



11.7460, 14.6259, 31.2485



0.3647, 0.4827, 0.8819

Previews

White Background



This preview shows how the XYZ color 19.0359, 12.1905, 2.3270 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



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 19.0359, 12.1905, 2.3270

Background



This preview shows how black text looks on a background with the XYZ color 19.0359, 12.1905, 2.3270.



This preview shows how white text looks on a background with the XYZ color 19.0359, 12.1905,

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

19.0359, 12.1905, 2.3270

Protanopia

11.2107, 12.3661, 3.4651

Deuteranopia

12.5040, 12.3829, 1.9608



Tritanopia

19.7343, 12.2512, 5.5996

Trichromacy



Original Color

19.0359, 12.1905, 2.3270

Protanomaly

13.1821, 11.5878, 2.9084

Deuteranomaly

14.2588, 11.8199, 1.9819

Tritanomaly

19.5021, 12.2382, 4.1306

Monochromacy



Original Color

19.0359, 12.1905, 2.3270

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

11.5548, 9.9903, 6.6295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0359, 12.1905, 2.3270 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(173, 60, 26)` looks like.

```
.text, #text, p{  
    color:rgb(173, 60, 26)  
}
```

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(173, 60, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 60, 26) }
```

Border

The CSS property to change the border of an element to XYZ 19.0359, 12.1905, 2.3270 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(173, 60, 26) }
```


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

```
.border{ border-color:rgb(173, 60, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 60, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 60, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 60, 26);  
box-shadow:4px 4px 4px 4px rgb(173, 60,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0359, 12.1905, 2.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 60, 26) }
```

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

```
.background{ background-color: rgb(173, 60,  
26) }
```

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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