

Converting Colors

XYZ(18.8871, 11.0727, 3.7266)

Have a look what the booklet for
XYZ(18.8871, 11.0727, 3.7266)
contains.

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Color

**XYZ(18.8871, 11.0727,
3.7266)**

Conversions

Conversions Part 1

Format	Color
Hex	AE2D2E
RGB	174, 45, 46
RGB Percent	68%, 18%, 18%
CMY	0.3176, 0.8235, 0.8196
CMYK	0.00, 0.74, 0.74, 0.32
HSL	360°, 59%, 43%
HSV	360°, 74%, 68%
XYZ	18.8871, 11.0727, 3.7266
YIQ	83.6850, 76.5630, 27.6590

Conversions

Conversions Part 2

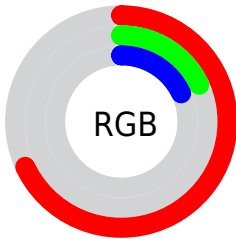
Format	Color
RYB	174, 45, 46
Decimal	11414830
CIELab	39.70, 51.68, 31.10
CIElCh	40, 60.314, 31.044
Yxy	11.0727, 0.5607, 0.3287
Android (android.graphics.Color)	4289604910 (0xFFAE2D2E)
YUV	83.6850, -18.5787, 79.2063
Hunter-Lab	33.2757, 43.0833, 16.6530

Details

The XYZ color **18.8871, 11.0727, 3.7266** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **23.7621, 33.8474, 44.8199**, and the grayscale version is **8.3887, 8.8256, 9.6110**.

A 20% lighter version of the original color is **41.1775, 27.9129, 13.3427**, and **6.9394, 3.5774, 0.3248** is the 20% darker color. If you saturate the color by 10%, you get **18.0800, 9.8981, 2.1029**, and if you desaturate by 10%, it is **20.1051, 12.8504, 6.1626**.

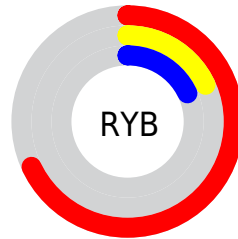
Distribution



Red (68%)

Green (18%)

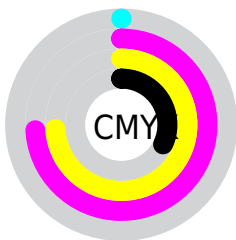
Blue (18%)



Red (68%)

Yellow (18%)

Blue (18%)

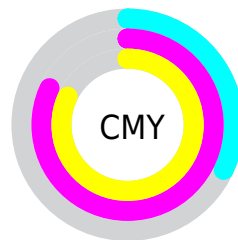


Cyan (0%)

Magenta (74%)

Yellow (74%)

Black (32%)



Cyan (32%)


Magenta (82%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 18.8871, 11.0727, 3.7266 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 18.8871, 11.0727, 3.7266 by changing the saturation by 10% instead.


 18.8871, 11.0727,
3.7266


 18.8871, 11.0727,
3.7266


238.7749,
198.1656, 145.1363


 11.6922, 6.1158,
1.4766


 41.0616, 27.7945,
13.3741


 6.6052, 2.9156,
0.2004


 56.7719, 40.3282,
21.6088

 3.2606, 1.0878,
0.0000

 76.0515, 56.1562,
32.6753

 1.2930, 0.0000,
0.0000

 99.2656, 75.6630,
46.9924

 0.1780, 0.0000,
0.0000

 126.7797, 99.2330,
64.9784

 0.0000, 0.0000,
0.0000

 158.9590,

127.2504, 87.0521

196.1689,
160.0999, 113.6319

■ 18.8871, 11.0727,
3.7266

■ 18.8871, 11.0727,
3.7266

■ 18.0800, 9.8981,
2.1029

■ 20.1051, 12.8504,
6.1626

■ 17.6294, 9.2455,
1.1864

■ 21.7779, 15.2951,
9.4976

■ 17.4628, 9.0015,
0.8555

■ 23.9446, 18.4648,
13.8077

■ 26.6400, 22.4104,
19.1610

■ 29.8955, 27.1786,
25.6194

■ 33.7404, 32.8122,
33.2398

■ 38.2017, 39.3511,
42.0755

■ 43.3048, 46.8326,
52.1763

■ 49.0737, 55.2921,
63.5892

Harmonies

Analogous

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



20.6128, 11.0727, 11.6472



18.8871, 11.0727, 3.7266



14.8501, 11.0727, 1.1022

Triad

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



18.8871, 11.0727, 3.7266



4.9981, 11.0727, 4.0640



10.6694, 11.0727, 52.0126

Complementary

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



18.8871, 11.0727, 3.7266



23.7621, 33.8474, 44.8199

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.



7.1325, 11.0727, 44.8536



18.8871, 11.0727, 3.7266



4.4192, 11.0727, 12.4748

Square

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



18.8871, 11.0727, 3.7266



6.9411, 11.0727, 1.1883



5.0865, 11.0727, 27.9734



15.1671, 11.0727, 43.8674

Rectangle

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



18.8871, 11.0727, 3.7266



11.8079, 11.0727, 0.6204



5.0865, 11.0727, 27.9734



9.3372, 11.0727, 51.2920

Sweetspot

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



18.8874, 11.0734, 3.7268



55.3653, 50.9658, 48.7262



25.5590, 13.6871, 41.3389



11.9246, 10.7697, 10.0747



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.



18.8874, 11.0734, 3.7268



32.2019, 17.0934, 2.6100



23.2240, 19.7776, 5.0770



8.0077, 8.0163, 8.3512



12.6670, 6.5293, 0.6259



0.3532, 0.1820, 0.0216

Inverse Universe

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



18.8874, 11.0734, 3.7268



32.2019, 17.0934, 2.6100



14.4786, 15.1263, 42.2007



8.0077, 8.0163, 8.3512



12.6670, 6.5293, 0.6259



0.3532, 0.1820, 0.0216

Previews

White Background



This preview shows how the XYZ color 18.8871, 11.0727, 3.7266 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 18.8871, 11.0727, 3.7266 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 18.8871, 11.0727, 3.7266

Background



This preview shows how black text looks on a background with the XYZ color 18.8871, 11.0727, 3.7266.



This preview shows how white text looks on a background with the XYZ color 18.8871, 11.0727,

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

18.8871, 11.0727, 3.7266

Protanopia

10.5552, 11.4158, 6.2046

Deuteranopia

11.4772, 11.3038, 3.4107



Tritanopia

18.8871, 11.0727, 3.7266

Trichromacy



Original Color

18.8871, 11.0727, 3.7266

Protanomaly

12.4209, 10.2604, 5.0672

Deuteranomaly

13.3303, 10.4609, 3.4144

Tritanomaly

18.8871, 11.0727, 3.7266

Monochromacy



Original Color

18.8871, 11.0727, 3.7266

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

10.6318, 8.6044, 6.8948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8871, 11.0727, 3.7266 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(174, 45, 46)` looks like.

```
.text, #text, p{  
    color:rgb(174, 45, 46)  
}
```

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(174, 45, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 45, 46) }
```

Border

The CSS property to change the border of an element to XYZ 18.8871, 11.0727, 3.7266 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(174, 45, 46) }
```


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

```
.border{ border-color:rgb(174, 45, 46) }
```

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

Here you see how a box with a 4 pixel rgb(174, 45, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 45, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 45, 46);  
box-shadow:4px 4px 4px 4px rgb(174, 45,  
46) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8871, 11.0727, 3.7266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 45, 46) }
```

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

```
.background{ background-color: rgb(174, 45,  
46) }
```

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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