

Converting Colors

XYZ(19.2809, 11.6488, 3.4227)

Have a look what the booklet for
XYZ(19.2809, 11.6488, 3.4227)
contains.

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Color

**XYZ(19.2809, 11.6488,
3.4227)**

Conversions

Conversions Part 1

Format	Color
Hex	AF332A
RGB	175, 51, 42
RGB Percent	69%, 20%, 16%
CMY	0.3137, 0.8000, 0.8353
CMYK	0.00, 0.71, 0.76, 0.31
HSL	4°, 61%, 43%
HSV	4°, 76%, 69%
XYZ	19.2809, 11.6488, 3.4227
YIQ	87.0500, 76.7930, 23.4890

Conversions

Conversions Part 2

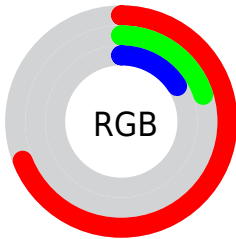
Format	Color
R_{YB}	175, 52, 42
Decimal	11481898
CIE _{Lab}	40.65, 49.60, 34.56
CIE _{LCh}	41, 60.448, 34.867
Yxy	11.6488, 0.5613, 0.3391
Android (android.graphics.Color)	4289671978 (0xFFAF332A)
YUV	87.0500, -22.2096, 77.1321
Hunter-Lab	34.1303, 41.1101, 17.9454

Details

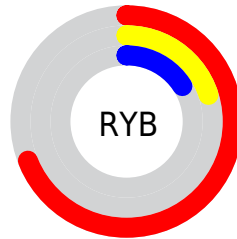
The XYZ color **19.2809, 11.6488, 3.4227** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **22.3271, 30.8563, 45.3361**, and the grayscale version is **9.1054, 9.5795, 10.4321**.

A 20% lighter version of the original color is **41.7381, 28.8123, 12.5940**, and **7.0702, 3.6448, 0.3309** is the 20% darker color. If you saturate the color by 10%, you get **18.4412, 10.3661, 1.9206**, and if you desaturate by 10%, it is **20.5079, 13.4878, 5.7286**.

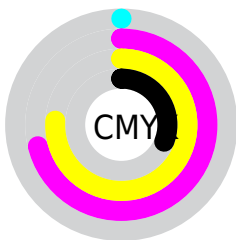
Distribution



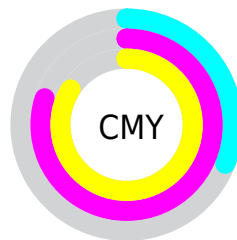
- Red (69%)
- Green (20%)
- Blue (16%)



- Red (69%)
- Yellow (20%)
- Blue (16%)



- Cyan (0%)
- Magenta (71%)
- Yellow (76%)
- Black (31%)





- Cyan (31%)
- Magenta (80%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2809, 11.6488, 3.4227 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 19.2809, 11.6488, 3.4227 by changing the saturation by 10% instead.

 19.2809, 11.6488,
3.4227


 19.2809, 11.6488,
3.4227


240.9036,
202.0662, 141.5746


 11.9786, 6.5050,
1.3143


 41.7214, 28.8538,
12.6548


 6.8012, 3.1545,
0.0735


 57.5904, 41.6839,
20.6156


 3.3833, 1.2129,
0.0000

 77.0457, 57.8448,
31.3642

 1.3596, 0.0722,
0.0000

 100.4525, 77.7209,
45.3193

 0.2271, 0.0000,
0.0000

 128.1764,
101.6968, 62.8993

 0.0000, 0.0000,
0.0000

 160.5827,

130.1567, 84.5229

198.0366,
163.4850, 110.6085

■ 19.2809, 11.6488,
3.4227

■ 19.2809, 11.6488,
3.4227

■ 18.4412, 10.3661,
1.9206

■ 20.5079, 13.4878,
5.7286

■ 17.9399, 9.5742,
1.1035

■ 22.1609, 15.9343,
8.9289

■ 17.8087, 9.3733,
0.8706

■ 24.2746, 19.0363,
13.1027

■ 26.8799, 22.8362,
18.3204

■ 30.0052, 27.3730,
24.6457

■ 33.6765, 32.6826,
32.1372

■ 37.9183, 38.7988,
40.8495

■ 42.7534, 45.7532,
50.8338

■ 48.2035, 53.5758,
62.1381

Harmonies

Analogous

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



21.4512, 11.6488, 10.7886



19.2809, 11.6488, 3.4227



14.9439, 11.6488, 1.0785

Triad

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



19.2809, 11.6488, 3.4227



5.1716, 11.6488, 5.0808



11.7843, 11.6488, 53.5880

Complementary

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



19.2809, 11.6488, 3.4227



22.3271, 30.8563, 45.3361

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.



7.9340, 11.6488, 48.1767



19.2809, 11.6488, 3.4227



4.7338, 11.6488, 14.7884

Square

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



19.2809, 11.6488, 3.4227



7.0052, 11.6488, 1.5128



5.6031, 11.6488, 31.4697



16.4689, 11.6488, 43.4745

Rectangle

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



19.2809, 11.6488, 3.4227



11.8238, 11.6488, 0.6911



5.6031, 11.6488, 31.4697



10.3524, 11.6488, 53.5632

Sweetspot

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



19.2812, 11.6495, 3.4229



55.3539, 51.3633, 47.4262



25.4021, 13.5279, 37.4125



11.8166, 10.7116, 9.5516



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.



19.2812, 11.6495, 3.4229



32.3768, 17.5427, 2.3615



24.5010, 22.0892, 5.1628



8.0472, 8.0992, 8.3525



12.7713, 6.7480, 0.6294



0.3691, 0.2153, 0.0221

Inverse Universe

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



22.3271, 30.8563, 45.3361



37.9399, 53.2654, 80.9185



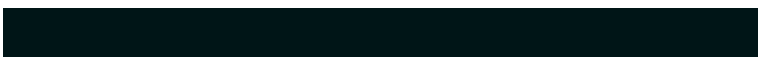
13.2147, 12.6315, 42.2986



8.1892, 8.9778, 10.2540



14.9573, 21.0486, 32.3190



0.4296, 0.6126, 0.9036

Previews

White Background



This preview shows how the XYZ color 19.2809, 11.6488, 3.4227 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 19.2809, 11.6488, 3.4227

Background



This preview shows how black text looks on a background with the XYZ color 19.2809, 11.6488, 3.4227.



This preview shows how white text looks on a background with the XYZ color 19.2809, 11.6488,

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

19.2809, 11.6488, 3.4227

Protanopia

10.9324, 11.8991, 5.4619

Deuteranopia

11.9868, 11.8290, 3.0903



Tritanopia

19.4396, 11.6431, 4.4716

Trichromacy



Original Color

19.2809, 11.6488, 3.4227

Protanomaly

12.8263, 10.8016, 4.5409

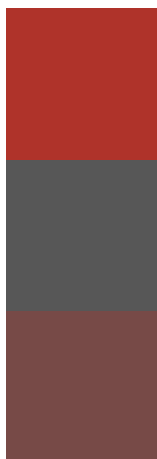
Deuteranomaly

13.9568, 11.0978, 3.0756

Tritanomaly

19.3533, 11.6086, 4.0170

Monochromacy



Original Color

19.2809, 11.6488, 3.4227

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

11.1939, 9.2744, 7.1614

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2809, 11.6488, 3.4227 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, 51, 42)` looks like.

```
.text, #text, p{  
    color:rgb(175, 51, 42)  
}
```

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, 51, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 51, 42) }
```

Border

The CSS property to change the border of an element to XYZ 19.2809, 11.6488, 3.4227 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, 51, 42) }
```


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

```
.border{ border-color:rgb(175, 51, 42) }
```

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

Here you see how a box with a 4 pixel rgb(175, 51, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 51, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 51, 42);  
box-shadow:4px 4px 4px 4px rgb(175, 51,  
42) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2809, 11.6488, 3.4227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 51, 42) }
```

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

```
.background{ background-color: rgb(175, 51,  
42) }
```

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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