

Converting Colors

XYZ(19.6249, 11.1046, 2.9428)

Have a look what the booklet for
XYZ(19.6249, 11.1046, 2.9428)
contains.

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Color

**XYZ(19.6334, 11.1099,
2.9433)**

Conversions

Conversions Part 1

Format	Color
Hex	B32626
RGB	179, 38, 38
RGB Percent	70%, 15%, 15%
CMY	0.2980, 0.8509, 0.8510
CMYK	0.00, 0.79, 0.79, 0.30
HSL	0°, 65%, 43%
HSV	0°, 79%, 70%
XYZ	19.6334, 11.1099, 2.9433
YIQ	80.1590, 84.0360, 29.8920

Conversions

Conversions Part 2

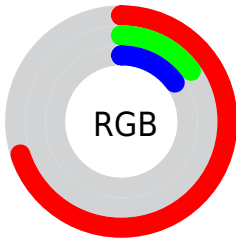
Format	Color
RYB	179, 38, 38
Decimal	11740710
CIELab	39.76, 55.20, 36.12
CIElCh	40, 65.970, 33.200
Yxy	11.1099, 0.5828, 0.3298
Android (android.graphics.Color)	4289930790 (0xFFB32626)
YUV	80.1590, -20.7844, 86.6836
Hunter-Lab	33.3315, 46.8124, 18.0965

Details

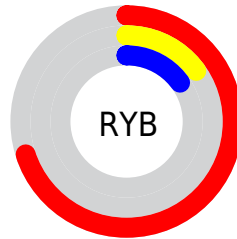
The XYZ color **19.6334, 11.1099, 2.9433** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **25.0536, 35.9020, 48.2569**, and the grayscale version is **7.6848, 8.0850, 8.8045**.

A 20% lighter version of the original color is **42.4011, 27.8831, 11.5347**, and **7.4712, 3.8516, 0.3496** is the 20% darker color. If you saturate the color by 10%, you get **18.9696, 10.1388, 1.6237**, and if you desaturate by 10%, it is **20.7115, 12.6879, 5.0859**.

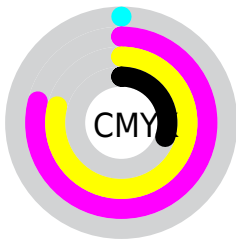
Distribution



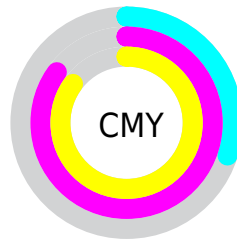
- Red (70%)
- Green (15%)
- Blue (15%)



- Red (70%)
- Yellow (15%)
- Blue (15%)



- Cyan (0%)
- Magenta (79%)
- Yellow (79%)
- Black (30%)





- Cyan (30%)
- Magenta (85%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.6334, 11.1099, 2.9433 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 19.6334, 11.1099, 2.9433 by changing the saturation by 10% instead.


 19.6334, 11.1099,
2.9433


 19.6334, 11.1099,
2.9433


242.7951,
198.4200, 135.6352


 12.2356, 6.1408,
1.0658


 42.3103, 27.8632,
11.4882

 6.9776, 2.9309,
0.0000


 58.3201, 40.4162,
18.9926


 3.4943, 1.0958,
0.0000

 77.9313, 56.2660,
29.2098

 1.4202, 0.0000,
0.0000

 101.5092, 75.7969,
42.5582


 0.2706, 0.0000,
0.0000


 129.4192, 99.3934,
59.4564


 0.0000, 0.0000,
0.0000


 162.0266,


127.4398, 80.3229

 199.6968,
160.3205, 105.5763


 19.6334, 11.1099,
2.9433


 19.6334, 11.1099,
2.9433


 18.9696, 10.1388,
1.6237


 20.7115, 12.6879,
5.0859


 18.6264, 9.6366,
0.9415

 22.2556, 14.9474,
8.1554

 18.5905, 9.5840,
0.8701

 24.3108, 17.9548,
12.2408

 26.9165, 21.7677,
17.4208

 30.1084, 26.4383,
23.7661

■ 33.9190, 32.0144,
31.3416

■ 38.3787, 38.5401,
40.2075

■ 43.5157, 46.0569,
50.4199

■ 49.3566, 54.6037,
62.0316

Harmonies

Analogous

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



21.8365, 11.1099, 10.7592



19.6334, 11.1099, 2.9433



14.9848, 11.1099, 0.6765

Triad

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



19.6334, 11.1099, 2.9433



4.5450, 11.1099, 3.9850



11.0525, 11.1099, 57.8789

Complementary

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



19.6334, 11.1099, 2.9433



25.0536, 35.9020, 48.2569

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.



7.1047, 11.1099, 50.7130



19.6334, 11.1099, 2.9433



4.0403, 11.1099, 13.5409

Square

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



19.6334, 11.1099, 2.9433



6.4785, 11.1099, 0.9340



4.8274, 11.1099, 31.4955



16.0717, 11.1099, 47.1838

Rectangle

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



19.6334, 11.1099, 2.9433



11.6228, 11.1099, 0.2136



4.8274, 11.1099, 31.4955



9.5633, 11.1099, 57.4928

Sweetspot

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



19.6336, 11.1106, 2.9435



56.7634, 51.5061, 48.2102



27.4201, 14.2245, 43.9480



12.0640, 10.6620, 9.6631



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



19.6336, 11.1106, 2.9435



33.4858, 17.4436, 1.9373



24.3556, 20.5544, 4.5174



8.4964, 8.5054, 8.8464



13.1370, 6.7726, 0.6148



0.4134, 0.2131, 0.0194

Inverse Universe

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



25.0536, 35.9020, 48.2569



43.5842, 63.6352, 86.3669



14.3514, 14.4976, 44.6895



8.7426, 9.6314, 10.9046



17.1389, 25.0781, 34.0742



0.5393, 0.7891, 1.0721

Previews

White Background



This preview shows how the XYZ color 19.6334, 11.1099, 2.9433 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 19.6334, 11.1099, 2.9433 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 19.6334, 11.1099, 2.9433

Background



This preview shows how black text looks on a background with the XYZ color 19.6334, 11.1099, 2.9433.



This preview shows how white text looks on a background with the XYZ color 19.6334, 11.1099,

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

19.6334, 11.1099, 2.9433

Protanopia

10.4670, 11.3938, 5.1376

Deuteranopia

11.4617, 11.3134, 2.6165



Tritanopia

19.6334, 11.1099, 2.9433

Trichromacy



Original Color

19.6334, 11.1099, 2.9433

Protanomaly

12.3424, 9.9363, 4.0637

Deuteranomaly

13.4851, 10.2681, 2.5675

Tritanomaly

19.6334, 11.1099, 2.9433

Monochromacy



Original Color

19.6334, 11.1099, 2.9433

Achromatopsia

7.6249, 8.0220, 8.7359

Achromatomaly

10.0469, 7.8753, 5.9916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6334, 11.1099, 2.9433 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(179, 38, 38)` looks like.

```
.text, #text, p{  
    color:rgb(179, 38, 38)  
}
```

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(179, 38, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 38, 38) }
```

Border

The CSS property to change the border of an element to XYZ 19.6334, 11.1099, 2.9433 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(179, 38, 38) }
```


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

```
.border{ border-color:rgb(179, 38, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 38, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 38, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 38, 38);  
box-shadow:4px 4px 4px 4px rgb(179, 38,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6334, 11.1099, 2.9433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 38, 38) }
```

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

```
.background{ background-color: rgb(179, 38,  
38) }
```

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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