

Converting Colors

XYZ(19.0926, 11.3263, 74.4079)

Have a look what the booklet for
XYZ(19.0926, 11.3263, 74.4079)
contains.

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Color

**XYZ(19.1313, 11.3135,
74.5742)**

Conversions

Conversions Part 1

Format	Color
Hex	4D44E4
RGB	77, 68, 228
RGB Percent	30%, 27%, 89%
CMY	0.6980, 0.7333, 0.1059
CMYK	0.66, 0.70, 0.00, 0.11
HSL	243°, 75%, 58%
HSV	243°, 70%, 89%
XYZ	19.1313, 11.3135, 74.5742
YIQ	88.9310, -45.9960, 51.6680

Conversions

Conversions Part 2

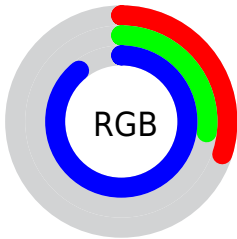
Format	Color
R _Y B	77, 68, 228
Decimal	5063908
CIE Lab	40.10, 51.20, -79.56
CIE LCh	40, 94.615, 302.761
Yxy	11.3135, 0.1822, 0.1077
Android (android.graphics.Color)	4283253988 (0xFF4D44E4)
YUV	88.9310, 68.5610, -10.4635
Hunter-Lab	33.6355, 42.6654, -107.9084

Details

The XYZ color **19.1313, 11.3135, 74.5742** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **57.9975, 70.9630, 16.1091**, and the grayscale version is **9.3417, 9.8282, 10.7029**.

A 20% lighter version of the original color is **35.8561, 26.0165, 97.7396**, and **7.6189, 3.4766, 38.7976** is the 20% darker color. If you saturate the color by 10%, you get **16.5523, 8.3197, 74.1326**, and if you desaturate by 10%, it is **22.8214, 15.6753, 75.2219**.

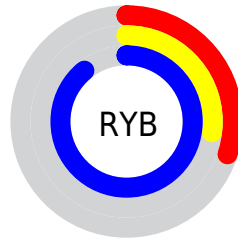
Distribution



Red (30%)

Green (27%)

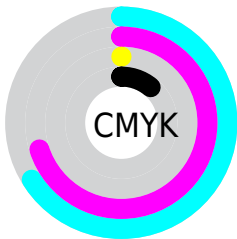
Blue (89%)



Red (30%)

Yellow (27%)

Blue (89%)

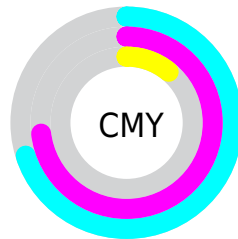


Cyan (66%)

Magenta (70%)

Yellow (0%)

Black (11%)



Cyan (70%)

Magenta (73%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1313, 11.3135, 74.5742 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 19.1313, 11.3135, 74.5742 by changing the saturation by 10% instead.

■ 19.1313, 11.3135,
74.5742

■ 19.1313, 11.3135,
74.5742

240.0969,
199.8059, 495.6691

■ 11.8698, 6.2781,
54.7645

■ 41.4710, 28.2384,
127.4510

■ 6.7266, 3.0149,
38.8159

■ 57.2799, 40.8968,
161.3552

■ 3.3365, 1.1395,
26.3098

■ 76.6686, 56.8649,
200.7946

■ 1.3341, 0.0115,
16.8277

■ 100.0025, 76.5272,
246.1877

■ 0.2085, 0.0000,
9.9511

■ 127.6469,
100.2680, 297.9533

■ 0.0000, 0.0000,
5.2613

159.9672,

■ 0.0000, 0.0000,

128.4718, 356.5096

2.3400

197.3287,
161.5230, 422.2754

■ 0.0000, 0.0000,
0.7535

■ 0.0000, 0.0000,
0.0000

■ 19.1313, 11.3135,
74.5742

■ 19.1313, 11.3135,
74.5742

■ 16.5523, 8.3197,
74.1326

■ 22.8214, 15.6753,
75.2219

■ 14.9572, 6.5303,
73.8713

■ 27.7273, 21.5419,
76.0957

■ 14.1673, 5.6858,
73.7499

■ 33.9437, 29.0341,
77.2143

■ 41.5554, 38.2606,
78.5940

■ 50.6402, 49.3204,
80.2499

■ 61.2700, 62.3051,
82.1959

■ 73.5121, 77.3003,
84.4451

■ 87.4297, 94.3863,
87.0095

■ 91.0037, 98.3815,
87.5923

Harmonies

Analogous

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



11.3727, 11.3135, 95.1859



19.1313, 11.3135, 74.5742



26.3314, 11.3135, 37.3751

Triad

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



19.1313, 11.3135, 74.5742



17.6263, 11.3135, 0.0000



2.4312, 11.3135, 14.1432

Complementary

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



19.1313, 11.3135, 74.5742



57.9975, 70.9630, 16.1091

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.



2.9823, 11.3135, 2.0754



19.1313, 11.3135, 74.5742



10.1565, 11.3135, 0.0000

Square

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



19.1313, 11.3135, 74.5742



25.2421, 11.3135, 1.2846



5.2671, 11.3135, 0.0000



3.2484, 11.3135, 44.0595

Rectangle

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



19.1313, 11.3135, 74.5742



28.7627, 11.3135, 17.4576



5.2671, 11.3135, 0.0000



2.4632, 11.3135, 8.3021

Sweetspot

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



19.1320, 11.3137, 74.5745



64.0713, 62.1066, 103.2186



41.9808, 58.0170, 82.3849



12.9868, 12.4074, 21.9603



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



19.1320, 11.3137, 74.5745



20.2970, 9.5452, 95.3804



29.7810, 16.8035, 75.0729



13.6576, 13.9257, 18.1124



8.2120, 3.2993, 42.5872



0.6335, 0.2575, 3.1483

Inverse Universe

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



46.8471, 25.7422, 69.5110



58.1944, 29.2994, 87.3333



39.6021, 61.4798, 15.2482



14.9582, 14.6005, 17.9804



25.5848, 12.3681, 38.3041



1.9014, 0.9183, 2.8872

Previews

White Background



This preview shows how the XYZ color 19.1313, 11.3135, 74.5742 looks on a white background.

Color Contrast Check

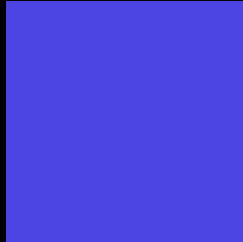
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1313, 11.3135, 74.5742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

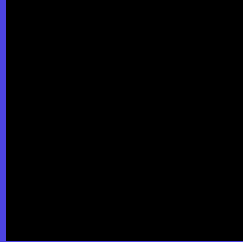
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.1313, 11.3135, 74.5742

Background



This preview shows how black text looks on a background with the XYZ color 19.1313, 11.3135, 74.5742.



This preview shows how white text looks on a background with the XYZ color 19.1313, 11.3135,

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

19.1313, 11.3135, 74.5742

Deuteranopia

10.8856, 11.1937, 36.2372

Tritanopia

7.8749, 11.0705, 17.0510

Trichromacy



Original Color

19.1313, 11.3135, 74.5742

Deuteranomaly

12.7763, 10.4903, 48.3652

Tritanomaly

10.0527, 10.0621, 31.9842

Monochromacy



Original Color

19.1313, 11.3135, 74.5742

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

11.4224, 9.7096, 26.0831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1313, 11.3135, 74.5742 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(77, 68, 228)` looks like.

```
.text, #text, p{  
    color:rgb(77, 68, 228)  
}
```

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(77, 68, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 68, 228) }
```

Border

The CSS property to change the border of an element to XYZ 19.1313, 11.3135, 74.5742 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(77, 68, 228) }
```

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

```
.border{ border-color:rgb(77, 68, 228) }
```

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

Here you see how a box with a 4 pixel rgb(77, 68, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 68, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 68, 228);  
box-shadow:4px 4px 4px 4px rgb(77, 68,  
228) }
```


Background

The CSS property to change the background color of an element to XYZ 19.1313, 11.3135, 74.5742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 68, 228) }
```

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

```
.background{ background-color: rgb(77, 68,  
228) }
```

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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