

Converting Colors

XYZ(29.1134, 19.2009, 96.7794)

Have a look what the booklet for
XYZ(29.1134, 19.2009, 96.7794)
contains.

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Color

**XYZ(29.1347, 19.2801,
96.7936)**

Conversions

Conversions Part 1

Format	Color
Hex	7161FF
RGB	113, 97, 255
RGB Percent	44%, 38%, 100%
CMY	0.5568, 0.6196, 0.0000
CMYK	0.56, 0.62, 0.00, 0.00
HSL	246°, 100%, 69%
HSV	246°, 62%, 100%
XYZ	29.1347, 19.2801, 96.7936
YIQ	119.7960, -41.1820, 52.5300

Conversions

Conversions Part 2

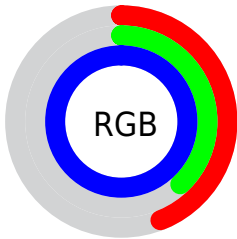
Format	Color
R _Y B	113, 97, 255
Decimal	7430655
CIE Lab	51.01, 48.28, -76.77
CIE LCh	51, 90.684, 302.165
Yxy	19.2801, 0.2006, 0.1328
Android (android.graphics.Color)	4285620735 (0xFF7161FF)
YUV	119.7960, 66.6556, -5.9601
Hunter-Lab	43.9091, 41.5979, -99.9630

Details

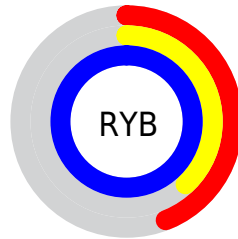
The XYZ color **29.1347, 19.2801, 96.7936** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **73.5122, 90.7327, 24.9480**, and the grayscale version is **17.5920, 18.5082, 20.1554**.

A 20% lighter version of the original color is **46.4766, 37.8289, 99.4599**, and **12.0131, 6.6592, 53.4755** is the 20% darker color. If you saturate the color by 10%, you get **24.5604, 13.9686, 96.0095**, and if you desaturate by 10%, it is **35.2120, 26.4901, 97.8650**.

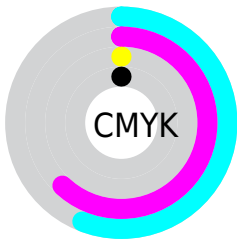
Distribution



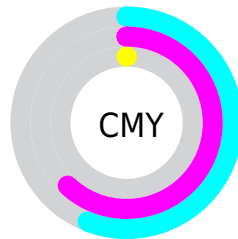
- Red (44%)
- Green (38%)
- Blue (100%)



- Red (44%)
- Yellow (38%)
- Blue (100%)



- Cyan (56%)
- Magenta (62%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (62%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1347, 19.2801, 96.7936 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 29.1347, 19.2801, 96.7936 by changing the saturation by 10% instead.

■ 29.1347, 19.2801,
96.7936

■ 29.1347, 19.2801,
96.7936

289.8327,
247.9907, 571.0216

■ 19.3275, 11.8728,
73.0236

■ 57.6871, 42.2069,
158.7570

■ 12.0126, 6.6572,
53.5033

■ 77.1631, 58.4952,
197.7875

■ 6.8245, 3.2486,
37.8142

■ 100.5927, 78.5126,
242.7420

■ 3.3979, 1.2629,
25.5378

■ 128.3413,
102.6436, 294.0388

■ 1.3675, 0.1122,
16.2556

160.7742,
131.2725, 352.0967

■ 0.2329, 0.0000,
9.5489

198.2569,

■ 0.0000, 0.0000,

164.7837, 417.3340

4.9992

241.1546,
203.5617, 490.1695

■ 0.0000, 0.0000,
2.1881

■ 0.0000, 0.0000,
0.6675

■ 29.1347, 19.2801,
96.7936

■ 29.1347, 19.2801,
96.7936

■ 24.5604, 13.9686,
96.0095

■ 35.2120, 26.4901,
97.8650

■ 21.3536, 10.3734,
95.4846

■ 42.9063, 35.7545,
99.2476

■ 19.3588, 8.2793,
95.1855

■ 52.3237, 47.2149,
100.9634

■ 18.4717, 7.4374,
95.0697

■ 63.5603, 60.9997,
103.0319

■ 76.7054, 77.2277,
105.4714

■ 91.8419, 96.0092,
108.2988

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



18.9850, 19.2801, 119.2560



29.1347, 19.2801, 96.7936



38.2170, 19.2801, 53.5640

Triad

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



29.1347, 19.2801, 96.7936



27.6230, 19.2801, 0.5427



5.9230, 19.2801, 22.9163

Complementary

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



29.1347, 19.2801, 96.7936



73.5122, 90.7327, 24.9480

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.



6.9078, 19.2801, 5.3378



29.1347, 19.2801, 96.7936



17.6808, 19.2801, 0.0000

Square

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



29.1347, 19.2801, 96.7936



37.1624, 19.2801, 4.1419



10.5870, 19.2801, 0.7822



7.2537, 19.2801, 59.8340

Rectangle

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



29.1347, 19.2801, 96.7936



41.2927, 19.2801, 28.4774



10.5870, 19.2801, 0.7822



5.9934, 19.2801, 14.9499

Sweetspot

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



29.1356, 19.2806, 96.7937



67.2494, 65.5446, 103.7147



53.9049, 71.6116, 105.5891



13.6307, 13.0887, 22.0579



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.



29.1356, 19.2806, 96.7937



23.8000, 13.1024, 95.8824



44.0124, 26.9498, 97.4899



17.1737, 17.4658, 22.7160



9.7074, 3.9149, 49.6786



0.9992, 0.4090, 4.8396

Inverse Universe

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



61.0938, 36.0411, 85.3932



58.3292, 31.2410, 82.2242



52.4550, 79.8773, 23.9625



18.7087, 18.2668, 22.3490



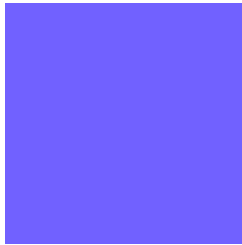
28.9832, 14.0826, 40.1576



2.8440, 1.3800, 4.0256

Previews

White Background



This preview shows how the XYZ color 29.1347, 19.2801, 96.7936 looks on a white background.

Color Contrast Check

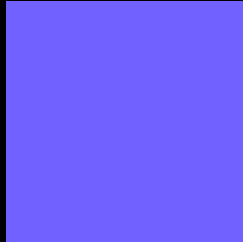
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 29.1347, 19.2801, 96.7936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

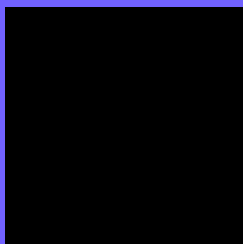
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.1347, 19.2801, 96.7936

Background



This preview shows how black text looks on a background with the XYZ color 29.1347, 19.2801, 96.7936.



This preview shows how white text looks on a background with the XYZ color 29.1347, 19.2801,

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

29.1347, 19.2801, 96.7936

Protanopia

23.1498, 19.4380, 90.5275

Deuteranopia

19.3453, 19.2703, 66.3183



Tritanopia

15.3148, 19.1983, 27.7094

Trichromacy



Original Color

29.1347, 19.2801, 96.7936



Protanomaly

23.7457, 18.5254, 92.7667



Deuteranomaly

21.0746, 18.1632, 76.5238



Tritanomaly

18.7597, 18.3127, 46.8019

Monochromacy



Original Color

29.1347, 19.2801, 96.7936



Achromatopsia

17.8524, 18.7821, 20.4537



Achromatomaly

20.2917, 18.2348, 39.9863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1347, 19.2801, 96.7936 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(113, 97, 255)` looks like.

```
.text, #text, p{  
    color:rgb(113, 97, 255)  
}
```

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(113, 97, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 97, 255) }
```

Border

The CSS property to change the border of an element to XYZ 29.1347, 19.2801, 96.7936 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(113, 97, 255) }
```


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

```
.border{ border-color:rgb(113, 97, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 97, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 97, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 97, 255);  
box-shadow:4px 4px 4px 4px rgb(113, 97,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1347, 19.2801, 96.7936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 97, 255) }
```

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

```
.background{ background-color: rgb(113, 97,  
255) }
```

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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