

Converting Colors

XYZ(24.2278, 11.2145, 95.4946)

Have a look what the booklet for
XYZ(24.2278, 11.2145, 95.4946)
contains.

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Color

**XYZ(24.1874, 11.1913,
95.4931)**

Conversions

Conversions Part 1

Format	Color
Hex	6721FF
RGB	103, 33, 255
RGB Percent	40%, 13%, 100%
CMY	0.5960, 0.8706, 0.0000
CMYK	0.60, 0.87, 0.00, 0.00
HSL	259°, 100%, 56%
HSV	259°, 87%, 100%
XYZ	24.1874, 11.1913, 95.4931
YIQ	79.2380, -29.5420, 83.8820

Conversions

Conversions Part 2

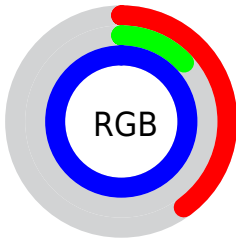
Format	Color
R _Y B	103, 33, 255
Decimal	6758911
CIE Lab	39.90, 75.90, -95.06
CIE LCh	40, 121.642, 308.605
Yxy	11.1913, 0.1848, 0.0855
Android (android.graphics.Color)	4284948991 (0xFF6721FF)
YUV	79.2380, 86.6507, 20.8393
Hunter-Lab	33.4534, 70.5152, -145.8266

Details

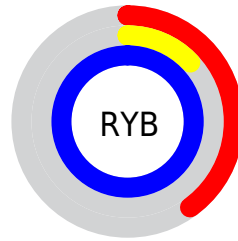
The XYZ color **24.1874, 11.1913, 95.4931** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed purple. A complement of this color would be **56.0388, 81.9424, 14.3014**, and the grayscale version is **7.3208, 7.7021, 8.3876**.

A 20% lighter version of the original color is **38.4547, 23.4203, 97.1015**, and **10.0780, 4.0312, 53.0703** is the 20% darker color. If you saturate the color by 10%, you get **21.9278, 9.3398, 95.2548**, and if you desaturate by 10%, it is **27.3987, 14.3227, 95.9282**.

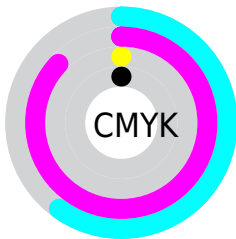
Distribution



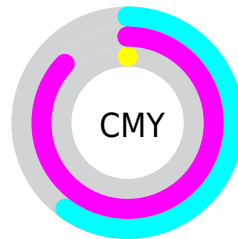
- Red (40%)
- Green (13%)
- Blue (100%)



- Red (40%)
- Yellow (13%)
- Blue (100%)



- Cyan (60%)
- Magenta (87%)
- Yellow (0%)
- Black (0%)





- Cyan (60%)
- Magenta (87%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.1874, 11.1913, 95.4931 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 24.1874, 11.1913, 95.4931 by changing the saturation by 10% instead.


 24.1874, 11.1913,
95.4931

 24.1874, 11.1913,
95.4931


266.1895,
198.9753, 566.7670


 15.5982, 6.1957,
71.9463


 49.7883, 28.0134,
156.9471


 9.3293, 2.9644,
52.6282


 67.5307, 40.6086,
195.6914


 5.0154, 1.1132,
37.1204


 89.0548, 56.5058,
240.3386

 2.2912, 0.0000,
25.0042

 114.7261, 76.0894,
291.3072

 0.7901, 0.0000,
15.8611

 144.9098, 99.7437,
349.0158

 0.0000, 0.0000,
9.2727

 179.9714,

 0.0000, 0.0000,

127.8532, 413.8830

4.8202

220.2762,
160.8023, 486.3272

■ 0.0000, 0.0000,
2.0853

■ 0.0000, 0.0000,
0.6070

■ 24.1874, 11.1913,
95.4931

■ 24.1874, 11.1913,
95.4931

■ 21.9278, 9.3398,
95.2548

■ 27.3987, 14.3227,
95.9282

■ 21.3937, 8.9438,
95.2065

■ 31.6886, 18.9566,
96.5966

■ 37.1626, 25.2696,
97.5266

■ 43.9115, 33.4125,
98.7426

■ 52.0166, 43.5191,
100.2662

■ 61.5518, 55.7102,
102.1168

■ 72.5857, 70.0968,
104.3121

■ 85.1820, 86.7818,
106.8687

■ 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.



13.2340, 11.1913, 138.4109



24.1874, 11.1913, 95.4931



33.7922, 11.1913, 37.9551

Triad

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



24.1874, 11.1913, 95.4931



17.6627, 11.1913, 0.0000



1.3363, 11.1913, 20.4740

Complementary

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



24.1874, 11.1913, 95.4931



56.0388, 81.9424, 14.3014

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.



1.5831, 11.1913, 1.9143



24.1874, 11.1913, 95.4931



8.4041, 11.1913, 0.0000

Square

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



24.1874, 11.1913, 95.4931



28.8464, 11.1913, 0.0000



3.4190, 11.1913, 0.0000



2.3611, 11.1913, 69.5930

Rectangle

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



24.1874, 11.1913, 95.4931



36.2378, 11.1913, 13.3437



3.4190, 11.1913, 0.0000



1.2925, 11.1913, 11.0962

Sweetspot

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



24.1881, 11.1915, 95.4931



62.6502, 57.1306, 102.3330



36.7455, 43.6801, 101.1022



12.6554, 11.2552, 21.7554



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.



24.1881, 11.1915, 95.4931



21.3937, 8.9438, 95.2065



45.3429, 22.0971, 96.4831



17.5421, 17.6557, 22.7333



11.3140, 4.7431, 49.7538



1.2089, 0.5171, 4.8494

Inverse Universe

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



50.5392, 25.8496, 48.2173



48.9368, 24.3387, 42.4607



39.1270, 73.2241, 13.5099



18.5345, 18.1971, 21.4320



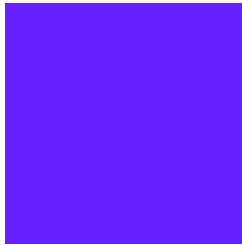
25.6412, 12.7458, 22.5587



2.5461, 1.2608, 2.4572

Previews

White Background



This preview shows how the XYZ color 24.1874, 11.1913, 95.4931 looks on a white background.

Color Contrast Check

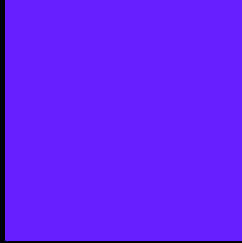
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1874, 11.1913, 95.4931 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 24.1874, 11.1913, 95.4931

Background



This preview shows how black text looks on a background with the XYZ color 24.1874, 11.1913, 95.4931.



This preview shows how white text looks on a background with the XYZ color 24.1874, 11.1913,

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

24.1874, 11.1913, 95.4931

Protanopia

12.9504, 11.0300, 50.1616

Tritanopia

8.3482, 11.0255, 16.7271

Trichromacy



Original Color

24.1874, 11.1913, 95.4931

Protanomaly

15.0287, 9.5046, 64.6608

Tritanomaly

11.1282, 8.9128, 35.7841

Monochromacy



Original Color

24.1874, 11.1913, 95.4931

Achromatopsia

7.4317, 7.8187, 8.5146

Achromatomaly

10.7051, 7.5031, 26.8706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1874, 11.1913, 95.4931 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(103, 33, 255)` looks like.

```
.text, #text, p{  
    color:rgb(103, 33, 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(103, 33, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 33, 255) }
```

Border

The CSS property to change the border of an element to XYZ 24.1874, 11.1913, 95.4931 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(103, 33, 255) }
```

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

```
.border{ border-color:rgb(103, 33, 255) }
```

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

Here you see how a box with a 4 pixel rgb(103, 33, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 33, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 33, 255);  
box-shadow:4px 4px 4px 4px rgb(103, 33,  
255) }
```


Background

The CSS property to change the background color of an element to XYZ 24.1874, 11.1913, 95.4931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 33, 255) }
```

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

```
.background{ background-color: rgb(103, 33,  
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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