

Converting Colors

XYZ(74.3123, 91.1174, 26.2411)

Have a look what the booklet for
XYZ(74.3123, 91.1174, 26.2411)
contains.

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Color

**XYZ(74.4339, 91.1801,
26.2468)**

Conversions

Conversions Part 1

Format	Color
Hex	F1FF66
RGB	241, 255, 102
RGB Percent	95%, 100%, 40%
CMY	0.0549, 0.0000, 0.6000
CMYK	0.05, 0.00, 0.60, 0.00
HSL	65°, 100%, 70%
HSV	65°, 60%, 100%
XYZ	74.4339, 91.1801, 26.2468
YIQ	233.3720, 40.7690, -50.5510

Conversions

Conversions Part 2

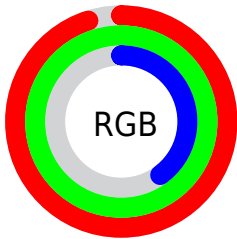
Format	Color
R_{YB}	102, 255, 116
Decimal	15859558
CIE _{Lab}	96.48, -23.97, 69.47
CIE _{LCh}	96, 73.487, 109.039
Yxy	91.1801, 0.3880, 0.4752
Android (android.graphics.Color)	4294049638 (0xFFFF1FF66)
YUV	233.3720, -64.7664, 6.6898
Hunter-Lab	95.4883, -27.9622, 50.5448

Details

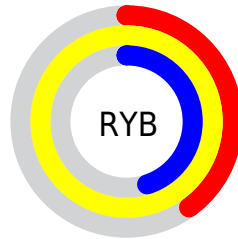
The XYZ color **74.4339, 91.1801, 26.2468** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **30.0050, 20.4370, 96.9710**, and the grayscale version is **78.1833, 82.2550, 89.5757**.

A 20% lighter version of the original color is **83.1716, 95.2486, 46.3490**, and **39.9215, 50.5077, 9.9304** is the 20% darker color. If you saturate the color by 10%, you get **72.5660, 90.3415, 20.5428**, and if you desaturate by 10%, it is **76.7009, 92.1795, 34.0014**.

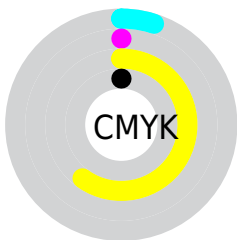
Distribution



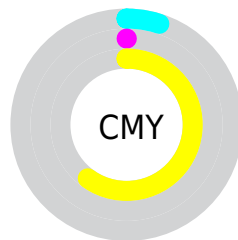
- Red (95%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (45%)



- Cyan (5%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4339, 91.1801, 26.2468 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 74.4339, 91.1801, 26.2468 by changing the saturation by 10% instead.


 74.4339, 91.1801,
26.2468


 74.4339, 91.1801,
26.2468


464.9968,
531.8622, 297.6354


 55.4418, 68.9598,
16.7809


 124.5029,
148.9765, 54.6618


 39.9908, 50.6790,
9.9181


 156.3105,
185.3215, 74.4480

 27.7155, 35.9532,
5.2398


 193.1206,
227.1434, 98.5114

 18.2507, 24.3981,
2.3275

 235.2986,
274.8268, 127.2706

 11.2309, 15.6292,
0.7465

283.2099,
328.7560, 161.1440

 6.2908, 9.2621,
0.0000

337.2198,

 3.0650, 4.9125,

389.3153, 200.5503

0.0000

397.6936,
456.8893, 245.9079

■ 1.1882, 2.1960,
0.0000

■ 0.0971, 0.7178,
0.0000

■ 74.4339, 91.1801,
26.2468

■ 74.4339, 91.1801,
26.2468

■ 72.5660, 90.3415,
20.5428

■ 76.7009, 92.1795,
34.0014

■ 71.0602, 89.6489,
16.6912

■ 79.3993, 93.3526,
43.9731

■ 69.8723, 89.0846,
14.4609

■ 82.5580, 94.7111,
56.3154

■ 68.9302, 88.6199,
13.4725

■ 86.2036, 96.2655,
71.1673

■ 68.9301, 88.6198,
13.4723

■ 90.3603, 98.0256,
88.6570

95.0500, 100.0000,
108.9000

Harmonies

Analogous

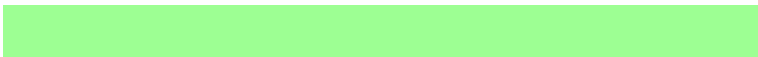
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.3744, 91.1801, 24.5879



74.4339, 91.1801, 26.2468



60.1818, 91.1801, 42.1527

Triad

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



74.4339, 91.1801, 26.2468



63.3131, 91.1801, 211.2183



131.3941, 91.1801, 122.3205

Complementary

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



74.4339, 91.1801, 26.2468



30.0050, 20.4370, 96.9710

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.



119.9583, 91.1801, 193.1606



74.4339, 91.1801, 26.2468



79.3853, 91.1801, 256.4075

Square

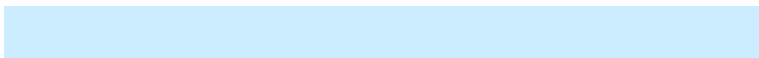
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.4339, 91.1801, 26.2468



54.4955, 91.1801, 140.8344



100.1652, 91.1801, 248.7386



129.5068, 91.1801, 66.8267

Rectangle

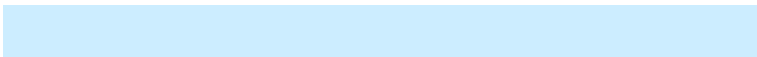
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.4339, 91.1801, 26.2468



54.8278, 91.1801, 64.1329



100.1652, 91.1801, 248.7386



128.9170, 91.1801, 145.3711

Sweetspot

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



74.4339, 91.1801, 26.2480



86.9926, 96.6005, 74.4473



49.7412, 34.4249, 16.5946



18.3755, 20.5727, 14.9199



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.



74.4339, 91.1801, 26.2480



72.2369, 90.1917, 19.6302



53.8326, 80.5597, 25.2839



19.3877, 21.0013, 19.1761



36.0850, 46.3406, 7.0427



3.5594, 4.5357, 0.6879

Inverse Universe

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



30.0050, 20.4370, 96.9710



24.3723, 13.8621, 95.9988



44.3511, 27.8327, 97.6424



17.1571, 17.4572, 22.7152



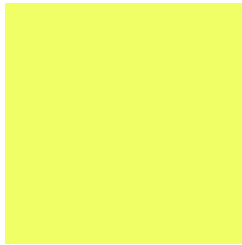
9.6717, 3.8964, 49.6769



0.9913, 0.4050, 4.8392

Previews

White Background



This preview shows how the XYZ color 74.4339, 91.1801, 26.2468 looks on a white background.

Color Contrast Check

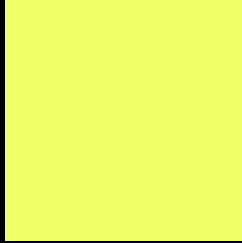
Large Text (above 18pt) WCAG AA × Fail

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 74.4339, 91.1801, 26.2468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

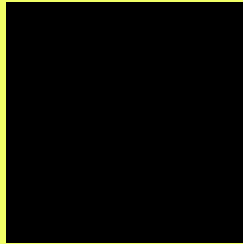
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.4339, 91.1801, 26.2468

Background



This preview shows how black text looks on a background with the XYZ color 74.4339, 91.1801, 26.2468.

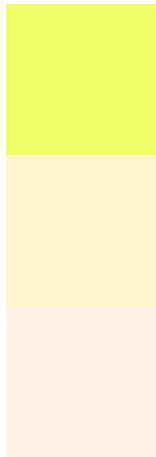


This preview shows how white text looks on a background with the XYZ color 74.4339, 91.1801,

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

74.4339, 91.1801, 26.2468

Protanopia

85.1549, 91.0698, 72.1216

Deuteranopia

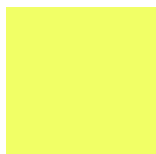
87.4334, 91.0183, 87.0888



Tritanopia

90.0831, 90.6110, 107.3495

Trichromacy



Original Color

74.4339, 91.1801, 26.2468



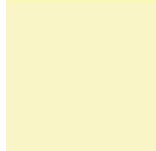
Protanomaly

80.4615, 90.9399, 50.8485



Deuteranomaly

81.2323, 90.2644, 57.9411



Tritanomaly

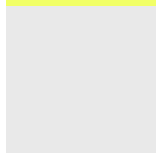
82.0281, 89.5681, 66.9979

Monochromacy



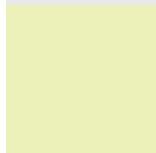
Original Color

74.4339, 91.1801, 26.2468



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

74.8043, 84.2462, 58.2175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4339, 91.1801, 26.2468 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(241, 255, 102)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 102)  
}
```

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(241, 255, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 102) }
```

Border

The CSS property to change the border of an element to XYZ 74.4339, 91.1801, 26.2468 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(241, 255, 102) }
```


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

```
.border{ border-color:rgb(241, 255, 102) }
```

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

Here you see how a box with a 4 pixel rgb(241, 255, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 102);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4339, 91.1801, 26.2468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 102) }
```

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

```
.background{ background-color: rgb(241,  
255, 102) }
```

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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