

Converting Colors

XYZ(74.1135, 91.0685, 23.8086)

Have a look what the booklet for
XYZ(74.1135, 91.0685, 23.8086)
contains.

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Color

**XYZ(73.9674, 90.9935,
23.7902)**

Conversions

Conversions Part 1

Format	Color
Hex	F1FF5C
RGB	241, 255, 92
RGB Percent	95%, 100%, 36%
CMY	0.0549, 0.0000, 0.6392
CMYK	0.05, 0.00, 0.64, 0.00
HSL	65°, 100%, 68%
HSV	65°, 64%, 100%
XYZ	73.9674, 90.9935, 23.7902
YIQ	232.2320, 43.9790, -53.6610

Conversions

Conversions Part 2

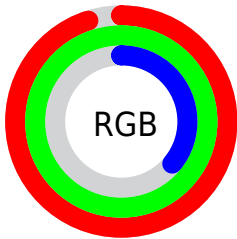
Format	Color
R _Y B	92, 255, 106
Decimal	15859548
CIE Lab	96.41, -24.61, 73.35
CIE LCh	96, 77.364, 108.546
Yxy	90.9935, 0.3919, 0.4821
Android (android.graphics.Color)	4294049628 (0xFFFF1FF5C)
YUV	232.2320, -69.1344, 7.6895
Hunter-Lab	95.3905, -28.5215, 51.9866

Details

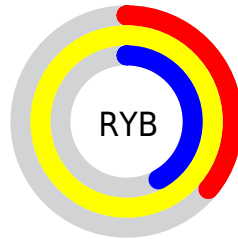
The XYZ color **73.9674, 90.9935, 23.7902** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **27.8221, 17.9397, 96.6041**, and the grayscale version is **77.3537, 81.3821, 88.6251**.

A 20% lighter version of the original color is **82.4248, 94.9499, 42.4167**, and **39.6719, 50.4078, 8.6160** is the 20% darker color. If you saturate the color by 10%, you get **72.2905, 90.2368, 18.8400**, and if you desaturate by 10%, it is **76.0283, 91.9047, 30.7180**.

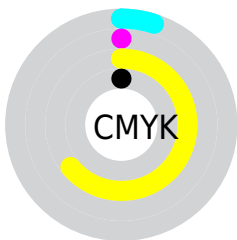
Distribution



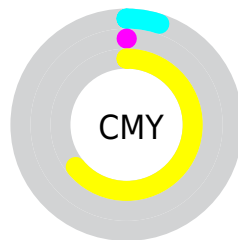
- Red (95%)
- Green (100%)
- Blue (36%)



- Red (36%)
- Yellow (100%)
- Blue (42%)



- Cyan (5%)
- Magenta (0%)
- Yellow (64%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9674, 90.9935, 23.7902 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 73.9674, 90.9935, 23.7902 by changing the saturation by 10% instead.


 73.9674, 90.9935,
23.7902

 73.9674, 90.9935,
23.7902

463.4129,
531.2574, 285.0104


 55.0585, 68.8049,
14.9673


 123.8453,
148.7176, 50.6272


 39.6826, 50.5529,
8.6501


 155.5451,
185.0220, 69.4783

 27.4743, 35.8529,
4.4200

 192.2393,
226.8005, 92.5093

 18.0682, 24.3206,
1.8584

 234.2932,
274.4374, 120.1386

 11.0989, 15.5716,
0.4661

282.0721,
328.3171, 152.7848

 6.2012, 9.2215,
0.0000

335.9415,

 3.0096, 4.8860,

388.8241, 190.8665

0.0000

396.2666,
456.3427, 234.8022

■ 1.1589, 2.1805,
0.0000

■ 0.0735, 0.7093,
0.0000

■ 73.9674, 90.9935,
23.7902

■ 73.9674, 90.9935,
23.7902

■ 72.2905, 90.2368,
18.8400

■ 76.0283, 91.9047,
30.7180

■ 70.9582, 89.6191,
15.6566

■ 78.5073, 92.9842,
39.7986

■ 69.9224, 89.1210,
13.9878

■ 81.4343, 94.2440,
51.1919

■ 69.3958, 88.8599,
13.4941

■ 84.8369, 95.6951,
65.0416

■ 88.7400, 97.3474,
81.4799

■ 93.1671, 99.2104,
100.6294

95.0500, 100.0000,
108.9000

Harmonies

Analogous

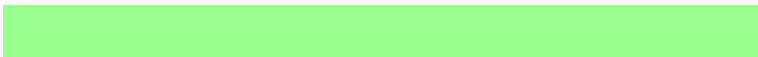
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.9770, 90.9935, 22.3526



73.9674, 90.9935, 23.7902



59.0040, 90.9935, 39.4581

Triad

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



73.9674, 90.9935, 23.7902



61.8572, 90.9935, 217.2600



133.7756, 90.9935, 124.5545

Complementary

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



73.9674, 90.9935, 23.7902



27.8221, 17.9397, 96.6041

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.



121.4009, 90.9935, 200.2092



73.9674, 90.9935, 23.7902



78.5179, 90.9935, 266.7891

Square

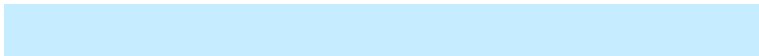
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.9674, 90.9935, 23.7902



52.8553, 90.9935, 141.8089



100.3442, 90.9935, 259.5038



132.0094, 90.9935, 65.9270

Rectangle

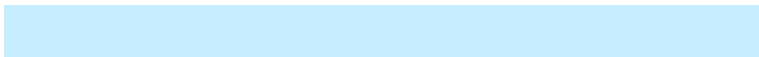
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.9674, 90.9935, 23.7902



53.3748, 90.9935, 61.7081



100.3442, 90.9935, 259.5038



131.0585, 90.9935, 149.1165

Sweetspot

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



73.9674, 90.9935, 23.7914



86.6930, 96.4822, 72.7972



48.2837, 32.2562, 13.8076



18.3217, 20.5519, 14.5999



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.



73.9674, 90.9935, 23.7914



71.8454, 90.0326, 17.6816



52.1731, 79.7581, 22.7714



19.3983, 21.0067, 19.1766



36.3247, 46.4642, 7.0540



3.5802, 4.5464, 0.6889

Inverse Universe

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



27.8221, 17.9397, 96.6041



22.5382, 11.8288, 95.7030



42.3920, 25.4508, 97.2859



17.1476, 17.4523, 22.7148



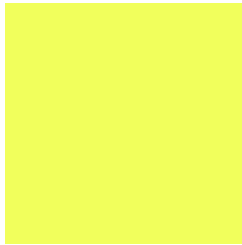
9.6526, 3.8866, 49.6760



0.9869, 0.4027, 4.8390

Previews

White Background



This preview shows how the XYZ color 73.9674, 90.9935, 23.7902 looks on a white background.

Color Contrast Check

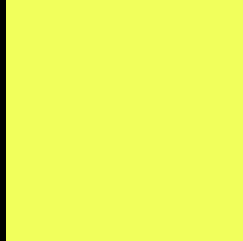
Large Text (above 18pt) WCAG AA × Fail

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 73.9674, 90.9935, 23.7902 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 73.9674, 90.9935, 23.7902

Background



This preview shows how black text looks on a background with the XYZ color 73.9674, 90.9935, 23.7902.

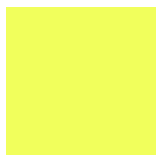


This preview shows how white text looks on a background with the XYZ color 73.9674, 90.9935,

Color Blindness Simulation

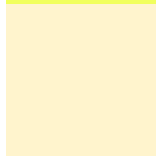
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



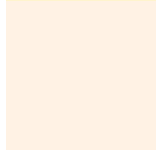
Original Color

73.9674, 90.9935, 23.7902



Protanopia

84.6101, 90.3691, 70.7412



Deuteranopia

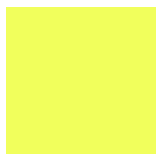
86.9957, 90.3657, 86.2559



Tritanopia

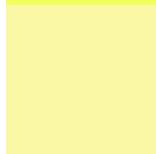
90.4501, 90.8002, 107.3667

Trichromacy



Original Color

73.9674, 90.9935, 23.7902



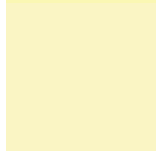
Protanomaly

79.6926, 90.1391, 48.3203



Deuteranomaly

80.8218, 90.1002, 55.7791



Tritanomaly

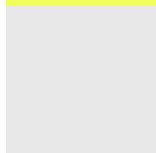
82.0406, 89.6143, 65.1978

Monochromacy



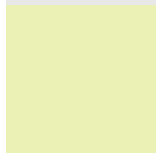
Original Color

73.9674, 90.9935, 23.7902



Achromatopsia

76.7008, 80.6952, 87.8771



Achromatomaly

73.7615, 83.3185, 55.9105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9674, 90.9935, 23.7902 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, 92)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 92)  
}
```

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, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 92) }
```

Border

The CSS property to change the border of an element to XYZ 73.9674, 90.9935, 23.7902 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, 92) }
```


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

```
.border{ border-color:rgb(241, 255, 92) }
```

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, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 92);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9674, 90.9935, 23.7902 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, 92) }
```

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

```
.background{ background-color: rgb(241,  
255, 92) }
```

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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