

Converting Colors

XYZ(76.0917, 91.8259, 35.7594)

Have a look what the booklet for
XYZ(76.0917, 91.8259, 35.7594)
contains.

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Color

**XYZ(76.2693, 91.9142,
35.9117)**

Conversions

Conversions Part 1

Format	Color
Hex	F1FF85
RGB	241, 255, 133
RGB Percent	95%, 100%, 52%
CMY	0.0549, 0.0000, 0.4784
CMYK	0.05, 0.00, 0.48, 0.00
HSL	67°, 100%, 76%
HSV	67°, 48%, 100%
XYZ	76.2693, 91.9142, 35.9117
YIQ	236.9060, 30.8180, -40.9100

Conversions

Conversions Part 2

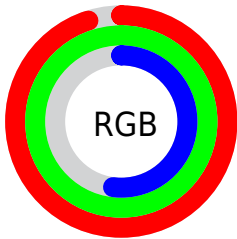
Format	Color
R _Y B	133, 255, 147
Decimal	15859589
CIE Lab	96.79, -21.51, 56.27
CIE LCh	97, 60.246, 110.922
Yxy	91.9142, 0.3737, 0.4503
Android (android.graphics.Color)	4294049669 (0xFFFF1FF85)
YUV	236.9060, -51.2257, 3.5904
Hunter-Lab	95.8719, -25.7731, 44.9015

Details

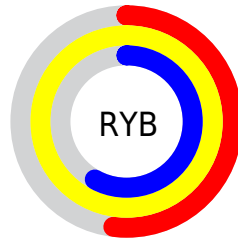
The XYZ color **76.2693, 91.9142, 35.9117** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **38.4712, 30.1994, 98.4091**, and the grayscale version is **80.7883, 84.9956, 92.5602**.

A 20% lighter version of the original color is **86.0771, 96.4108, 61.6494**, and **41.1338, 51.0200, 15.0770** is the 20% darker color. If you saturate the color by 10%, you get **73.7250, 90.7821, 27.6862**, and if you desaturate by 10%, it is **79.2576, 93.2259, 46.3925**.

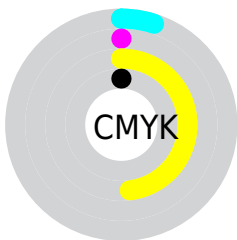
Distribution



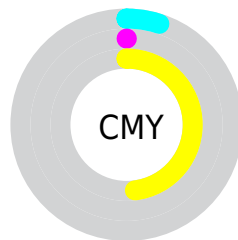
- Red (95%)
- Green (100%)
- Blue (52%)



- Red (52%)
- Yellow (100%)
- Blue (58%)



- Cyan (5%)
- Magenta (0%)
- Yellow (48%)
- Black (0%)



- Cyan (5%)
- Magenta (0%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2693, 91.9142, 35.9117 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 76.2693, 91.9142, 35.9117 by changing the saturation by 10% instead.

76.2693, 91.9142,
35.9117

76.2693, 91.9142,
35.9117

471.1993,
534.2382, 343.6002

56.9512, 69.5694,
24.0769

127.0858,
149.9945, 70.0633

41.2060, 51.1755,
15.1779

159.3150,
186.4987, 93.2171

28.6685, 36.3483,
8.7963

196.5785,
228.4915, 120.9809

18.9732, 24.7033,
4.5136

239.2417,
276.3573, 153.7734

11.7548, 15.8562,
1.9111

287.6701,
330.4805, 192.0130

6.6480, 9.4224,
0.4998

342.2289,

3.2873, 5.0177,

391.2454, 236.1183

0.0000

403.2835,
459.0365, 286.5079

■ 1.3074, 2.2577,
0.0000

■ 0.1888, 0.7512,
0.0000

■ 76.2693, 91.9142,
35.9117

■ 76.2693, 91.9142,
35.9117

■ 73.7250, 90.7821,
27.6862

■ 79.2576, 93.2259,
46.3925

■ 71.5927, 89.8165,
21.5463

■ 82.7179, 94.7282,
59.2740

■ 69.8367, 89.0033,
17.3048

■ 86.6762, 96.4316,
74.6937

■ 68.4146, 88.3255,
14.7393

■ 91.1567, 98.3457,
92.7780

■ 67.2698, 87.7604, 95.0500, 100.0000,
13.5520 108.9000

■ 67.0416, 87.6462,
13.3840

Harmonies

Analogous

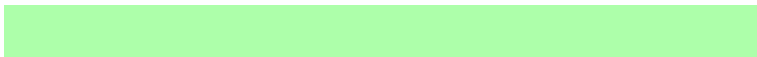
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.5873, 91.9142, 33.4612



76.2693, 91.9142, 35.9117



64.4963, 91.9142, 52.1482

Triad

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



76.2693, 91.9142, 35.9117



68.4451, 91.9142, 191.0465



123.5191, 91.9142, 115.4850

Complementary

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



76.2693, 91.9142, 35.9117



38.4712, 30.1994, 98.4091

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.



115.0782, 91.9142, 170.9137



76.2693, 91.9142, 35.9117



82.3365, 91.9142, 222.8990

Square

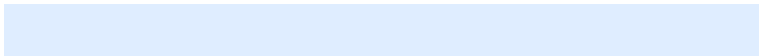
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.2693, 91.9142, 35.9117



60.4000, 91.9142, 137.1052



99.4806, 91.9142, 214.5339



121.3470, 91.9142, 70.4022

Rectangle

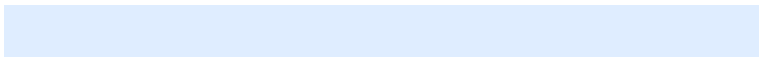
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.2693, 91.9142, 35.9117



60.1210, 91.9142, 72.6499



99.4806, 91.9142, 214.5339



121.7924, 91.9142, 133.6659

Sweetspot

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



76.2695, 91.9143, 35.9130



88.3345, 97.1415, 81.3196



55.6303, 43.2665, 27.6108



18.7058, 20.7061, 16.5988



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

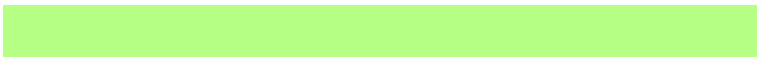
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2695, 91.9143, 35.9130



73.9229, 90.8708, 28.2958



59.2386, 83.1345, 35.1159



19.3439, 20.9787, 19.1741



35.1126, 45.8393, 6.9972



3.4746, 4.4920, 0.6839

Inverse Universe

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



38.4712, 30.1994, 98.4091



32.2412, 22.7572, 97.3010



51.9475, 37.1466, 99.0398



17.1965, 17.4775, 22.7171



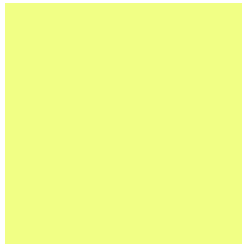
9.7612, 3.9426, 49.6811



1.0099, 0.4145, 4.8401

Previews

White Background



This preview shows how the XYZ color 76.2693, 91.9142, 35.9117 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 76.2693, 91.9142, 35.9117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

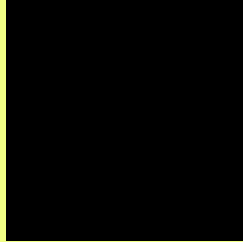
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.2693, 91.9142, 35.9117

Background



This preview shows how black text looks on a background with the XYZ color 76.2693, 91.9142, 35.9117.

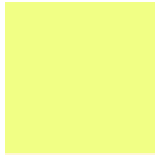


This preview shows how white text looks on a background with the XYZ color 76.2693, 91.9142,

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



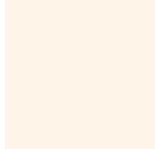
Original Color

76.2693, 91.9142, 35.9117



Protanopia

86.0794, 91.9250, 75.4938



Deuteranopia

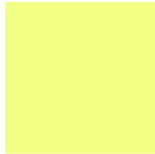
88.1562, 91.7876, 89.4144



Tritanopia

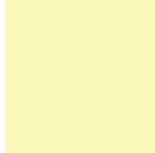
89.9470, 91.4197, 107.5128

Trichromacy



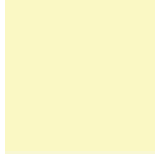
Original Color

76.2693, 91.9142, 35.9117



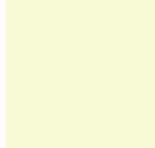
Protanomaly

81.8473, 91.4943, 58.1461



Deuteranomaly

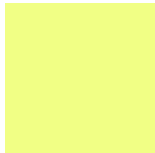
82.9555, 91.4443, 65.5028



Tritanomaly

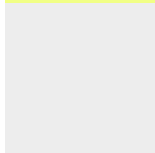
83.7300, 91.1811, 74.8147

Monochromacy



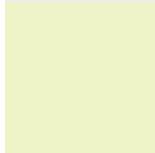
Original Color

76.2693, 91.9142, 35.9117



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

77.9194, 87.0020, 66.7191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2693, 91.9142, 35.9117 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, 133)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 133)  
}
```

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, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 133) }
```

Border

The CSS property to change the border of an element to XYZ 76.2693, 91.9142, 35.9117 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, 133) }
```


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

```
.border{ border-color:rgb(241, 255, 133) }
```

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, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 133);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2693, 91.9142, 35.9117 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, 133) }
```

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

```
.background{ background-color: rgb(241,  
255, 133) }
```

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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