

Converting Colors

XYZ(79.0127, 99.8092, 42.1911)

Have a look what the booklet for
XYZ(79.0127, 99.8092, 42.1911)
contains.

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Color

**XYZ(74.5526, 90.9190,
40.8139)**

Conversions

Conversions Part 1

Format	Color
Hex	E9FF92
RGB	233, 255, 146
RGB Percent	91%, 100%, 57%
CMY	0.0863, 0.0000, 0.4274
CMYK	0.09, 0.00, 0.43, 0.00
HSL	72°, 100%, 79%
HSV	72°, 43%, 100%
XYZ	74.5526, 90.9190, 40.8139
YIQ	235.9960, 21.8770, -38.5630

Conversions

Conversions Part 2

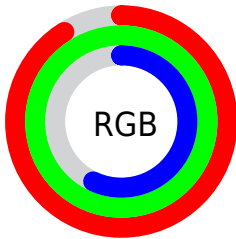
Format	Color
RYB	146, 255, 168
Decimal	15335314
CIELab	96.38, -23.26, 49.55
CIElCh	96, 54.738, 115.152
Yxy	90.9190, 0.3614, 0.4407
Android (android.graphics.Color)	4293525394 (0xFFE9FF92)
YUV	235.9960, -44.3680, -2.6275
Hunter-Lab	95.3515, -27.3010, 41.3677

Details

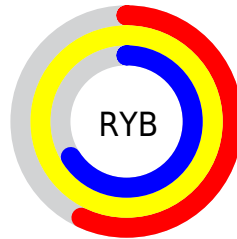
The XYZ color **74.5526, 90.9190, 40.8139** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **44.4785, 36.1039, 99.2322**, and the grayscale version is **80.0422, 84.2107, 91.7054**.

A 20% lighter version of the original color is **87.5426, 96.9970, 69.3667**, and **40.0744, 50.4086, 17.9736** is the 20% darker color. If you saturate the color by 10%, you get **71.1291, 89.3583, 31.4288**, and if you desaturate by 10%, it is **78.4680, 92.6821, 52.5337**.

Distribution



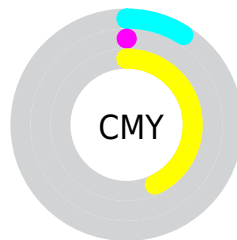
- Red (91%)
- Green (100%)
- Blue (57%)



- Red (57%)
- Yellow (100%)
- Blue (66%)



- Cyan (9%)
- Magenta (0%)
- Yellow (43%)
- Black (0%)




- Cyan (9%)
- Magenta (0%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.5526, 90.9190, 40.8139 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 74.5526, 90.9190, 40.8139 by changing the saturation by 10% instead.


 74.5526, 90.9190,
40.8139


 74.5526, 90.9190,
40.8139

465.3993,
531.0158, 365.1958

 55.5393, 68.7431,
27.8551


 124.6701,
148.6143, 77.6519

 40.0692, 50.5025,
17.9784


 156.5051,
184.9024, 102.3682

 27.7770, 35.8129,
10.7652

193.3447,
226.6635, 131.8407

 18.2972, 24.2897,
5.7970

235.5543,
274.2818, 166.4880

 11.2646, 15.5487,
2.6552

283.4992,
328.1418, 206.7286

 6.3137, 9.2053,
0.9208

337.5447,

 3.0792, 4.8754,

388.6279, 252.9811

0.0000

398.0563,
456.1244, 305.6640

■ 1.1958, 2.1743,
0.0000

■ 0.1030, 0.7059,
0.0000

■ 74.5526, 90.9190,
40.8139

■ 74.5526, 90.9190,
40.8139

■ 71.1291, 89.3583,
31.4288

■ 78.4680, 92.6821,
52.5337

■ 68.1667, 87.9876,
24.2177

■ 82.9020, 94.6584,
66.7266

■ 65.6317, 86.7935,
19.0061

■ 87.8802, 96.8581,
83.5250

■ 63.4851, 85.7603,
15.5905

■ 93.4261, 99.2906,
103.0503

■ 61.6797, 84.8690, 95.0500, 100.0000,
13.7246 108.9000

■ 60.5334, 84.2911,
13.0794

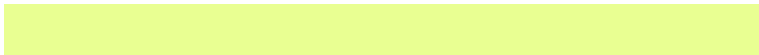
Harmonies

Analogous

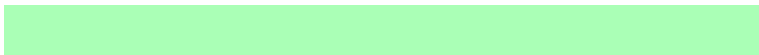
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.9155, 90.9190, 36.7185



74.5526, 90.9190, 40.8139



64.5337, 90.9190, 58.3757

Triad

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



74.5526, 90.9190, 40.8139



70.7333, 90.9190, 185.0508



119.0180, 90.9190, 106.2569

Complementary

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



74.5526, 90.9190, 40.8139



44.4785, 36.1039, 99.2322

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.



112.7573, 90.9190, 155.0937



74.5526, 90.9190, 40.8139



83.9634, 90.9190, 208.3416

Square

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



74.5526, 90.9190, 40.8139



62.5171, 90.9190, 139.1093



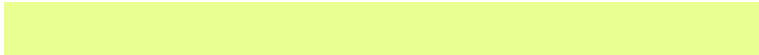
99.4751, 90.9190, 196.0209



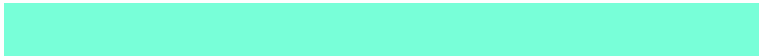
115.7397, 90.9190, 67.4453

Rectangle

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



74.5526, 90.9190, 40.8139



61.0781, 90.9190, 79.0136



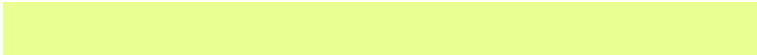
99.4751, 90.9190, 196.0209



117.9401, 90.9190, 122.0902

Sweetspot

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



74.5528, 90.9191, 40.8152



87.7458, 96.7989, 83.0612



60.3947, 51.2678, 33.9079



18.5364, 20.6111, 16.9389



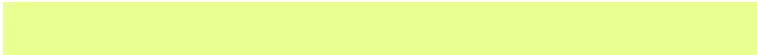
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

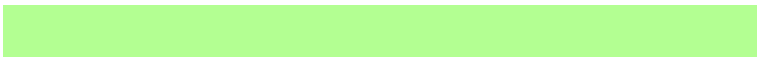
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5528, 90.9191, 40.8152



71.6921, 89.6164, 32.9044



59.4702, 83.1437, 40.1093



19.1810, 20.8947, 19.1665



31.7559, 44.1088, 6.8401



3.1787, 4.3394, 0.6701

Inverse Universe

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



44.4785, 36.1039, 99.2322



38.1768, 28.4730, 98.0914



58.5458, 43.3559, 99.8906



17.3454, 17.5543, 22.7241



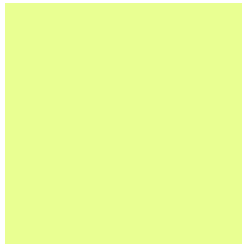
10.2532, 4.1962, 49.7041



1.0823, 0.4519, 4.8434

Previews

White Background



This preview shows how the XYZ color 74.5526, 90.9190, 40.8139 looks on a white background.

Color Contrast Check

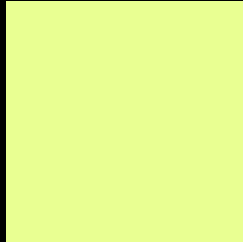
Large Text (above 18pt) WCAG AA × Fail

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 74.5526, 90.9190, 40.8139 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 74.5526, 90.9190, 40.8139

Background



This preview shows how black text looks on a background with the XYZ color 74.5526, 90.9190, 40.8139.

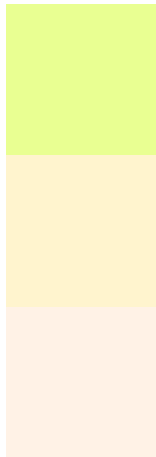


This preview shows how white text looks on a background with the XYZ color 74.5526, 90.9190,

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

74.5526, 90.9190, 40.8139

Protanopia

84.7313, 90.4176, 71.3790

Deuteranopia

87.2751, 90.4774, 87.7269



Tritanopia

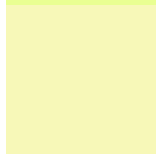
88.1066, 90.9140, 107.5122

Trichromacy



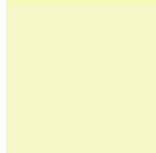
Original Color

74.5526, 90.9190, 40.8139



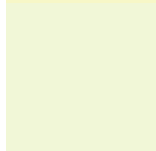
Protanomaly

80.5769, 90.3697, 58.5436



Deuteranomaly

81.9273, 90.4192, 67.1675



Tritanomaly

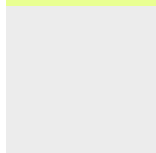
81.8021, 90.1286, 77.3751

Monochromacy



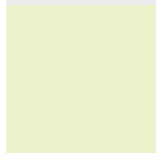
Original Color

74.5526, 90.9190, 40.8139



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.0910, 86.0751, 69.0509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5526, 90.9190, 40.8139 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(233, 255, 146)` looks like.

```
.text, #text, p{  
    color:rgb(233, 255, 146)  
}
```

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(233, 255, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 255, 146) }
```

Border

The CSS property to change the border of an element to XYZ 74.5526, 90.9190, 40.8139 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(233, 255, 146) }
```


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

```
.border{ border-color:rgb(233, 255, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 255, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 255, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 255, 146);  
box-shadow:4px 4px 4px 4px rgb(233, 255,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5526, 90.9190, 40.8139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 255, 146) }
```

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

```
.background{ background-color: rgb(233,  
255, 146) }
```

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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