

Converting Colors

XYZ(79.1736, 92.4403, 33.0430)

Have a look what the booklet for
XYZ(79.1736, 92.4403, 33.0430)
contains.

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Color

**XYZ(79.3350, 92.6139,
33.0969)**

Conversions

Conversions Part 1

Format	Color
Hex	FD7D7D
RGB	253, 253, 125
RGB Percent	99%, 99%, 49%
CMY	0.0078, 0.0078, 0.5098
CMYK	0.00, 0.00, 0.51, 0.01
HSL	60°, 97%, 74%
HSV	60°, 51%, 99%
XYZ	79.3350, 92.6139, 33.0969
YIQ	238.4080, 41.0880, -39.8080

Conversions

Conversions Part 2

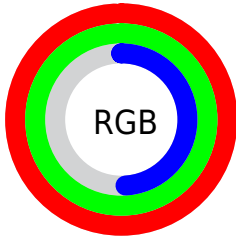
Format	Color
RYB	125, 253, 125
Decimal	16645501
CIELab	97.07, -16.60, 60.48
CIELCh	97, 62.712, 105.349
Yxy	92.6139, 0.3869, 0.4517
Android (android.graphics.Color)	4294835581 (0xFFFD7D)
YUV	238.4080, -55.9101, 12.7972
Hunter-Lab	96.2361, -21.2616, 46.9746

Details

The XYZ color **79.3350, 92.6139, 33.0969** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **33.5238, 26.1212, 96.2091**, and the grayscale version is **81.9842, 86.2537, 93.9303**.

A 20% lighter version of the original color is **85.2382, 96.0753, 57.2319**, and **43.3517, 51.8568, 13.6857** is the 20% darker color. If you saturate the color by 10%, you get **77.9207, 92.0515, 25.6422**, and if you desaturate by 10%, it is **81.1654, 93.3495, 42.7232**.

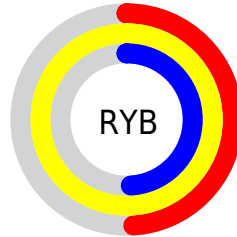
Distribution



Red (99%)

Green (99%)

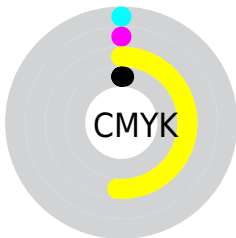
Blue (49%)



Red (49%)

Yellow (99%)

Blue (49%)

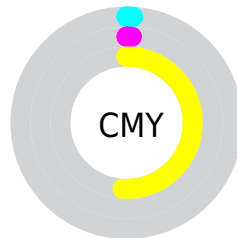


Cyan (0%)

Magenta (0%)

Yellow (51%)

Black (1%)



Cyan (1%)


Magenta (1%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.3350, 92.6139, 33.0969 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 79.3350, 92.6139, 33.0969 by changing the saturation by 10% instead.


 79.3350, 92.6139,
33.0969


 79.3350, 92.6139,
33.0969


481.4596,
536.4976, 330.7315


 59.4779, 70.1506,
21.9290


 131.3858,
150.9640, 65.6445

 43.2458, 51.6493,
13.6069


 164.3102,
187.6195, 87.8613

 30.2734, 36.7257,
7.7122


 202.3210,
229.7747, 114.5981

 20.1953, 24.9951,
3.8262

245.7837,
277.8138, 146.2735

 12.6462, 16.0734,
1.5305

295.0635,
332.1212, 183.3060

 7.2607, 9.5761,
0.2405

350.5259,

 3.6734, 5.1188,

393.0814, 226.1141

0.0000

412.5362,
461.0787, 275.1165

■ 1.5191, 2.3172,
0.0000

■ 0.3388, 0.7828,
0.0000

■ 79.3350, 92.6139,
33.0969

■ 79.3350, 92.6139,
33.0969

■ 77.9207, 92.0515,
25.6422

■ 81.1654, 93.3495,
42.7232

■ 76.8839, 91.6367,
20.1853


■ 83.4337, 94.2569,
54.6656


■ 76.1903, 91.3592,
16.5354


■ 86.1683, 95.3508,
69.0631


■ 75.7961, 91.2015,
14.4621


■ 89.3931, 96.6408,
86.0420


 75.6328, 91.1361,
13.6048

 93.1305, 98.1358,
105.7199

 93.6883, 98.3590,
108.6550

 93.6888, 98.3592,
108.6550

 93.6893, 98.3595,
108.6551

 93.6899, 98.3597,
108.6551

Harmonies

Analogous

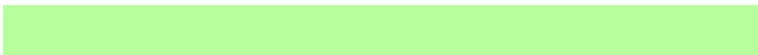
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.9040, 92.6139, 32.9510



79.3350, 92.6139, 33.0969



65.9984, 92.6139, 46.7449

Triad

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



79.3350, 92.6139, 33.0969



66.2405, 92.6139, 187.1242



125.1645, 92.6139, 127.5117

Complementary

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



79.3350, 92.6139, 33.0969



33.5238, 26.1212, 96.2091

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.



114.4807, 92.6139, 185.8603



79.3350, 92.6139, 33.0969



79.7089, 92.6139, 227.3357

Square

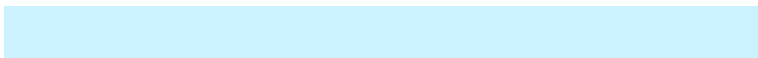
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.3350, 92.6139, 33.0969



59.1564, 92.6139, 128.8564



97.3312, 92.6139, 226.8082



125.0290, 92.6139, 77.2121

Rectangle

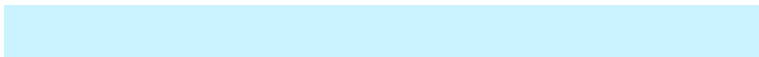
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.3350, 92.6139, 33.0969



60.6142, 92.6139, 65.4537



97.3312, 92.6139, 226.8082



122.6627, 92.6139, 147.1197

Sweetspot

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



79.3372, 92.6182, 33.0988



89.4911, 97.7764, 79.6313



51.5464, 37.0328, 23.8345



19.0077, 20.8693, 16.2700



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

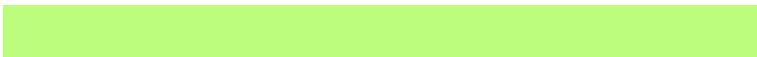
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.3372, 92.6182, 33.0988



79.2706, 93.6879, 25.8231



59.8169, 82.5550, 32.1853



19.5612, 21.0907, 19.1843



40.2315, 48.4782, 7.2368



3.9172, 4.7202, 0.7046

Inverse Universe

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



33.5238, 26.1212, 96.2091



27.7504, 18.9077, 96.7947



46.0523, 32.5799, 96.7955



17.0032, 17.3779, 22.7080



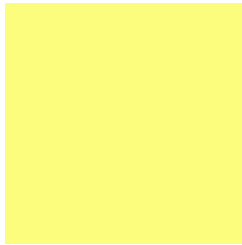
9.4316, 3.7727, 49.6657



0.9184, 0.3673, 4.8358

Previews

White Background



This preview shows how the XYZ color 79.3350, 92.6139, 33.0969 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 79.3350, 92.6139, 33.0969 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 79.3350, 92.6139, 33.0969

Background



This preview shows how black text looks on a background with the XYZ color 79.3350, 92.6139, 33.0969.



This preview shows how white text looks on a background with the XYZ color 79.3350, 92.6139,

Color Blindness Simulation

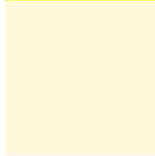
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



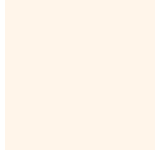
Original Color

79.3350, 92.6139, 33.0969



Protanopia

86.8954, 92.7394, 78.2864



Deuteranopia

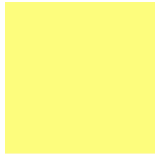
88.7437, 92.5053, 91.0199



Tritanopia

90.7032, 92.3262, 104.3070

Trichromacy



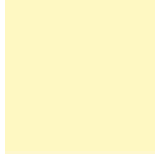
Original Color

79.3350, 92.6139, 33.0969



Protanomaly

83.2960, 92.2411, 58.2139



Deuteranomaly

84.1781, 92.1007, 64.3795



Tritanomaly

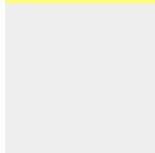
85.1533, 92.0001, 71.0274

Monochromacy



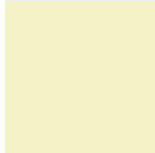
Original Color

79.3350, 92.6139, 33.0969



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

79.0908, 87.1871, 65.4836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3350, 92.6139, 33.0969 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(253, 253, 125)` looks like.

```
.text, #text, p{  
    color:rgb(253, 253, 125)  
}
```

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(253, 253, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 253, 125) }
```

Border

The CSS property to change the border of an element to XYZ 79.3350, 92.6139, 33.0969 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(253, 253, 125) }
```


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

```
.border{ border-color:rgb(253, 253, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 253, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 253, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 253, 125);  
box-shadow:4px 4px 4px 4px rgb(253, 253,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3350, 92.6139, 33.0969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 253, 125) }
```

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

```
.background{ background-color: rgb(253,  
253, 125) }
```

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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