

Converting Colors

XYZ(96.8487, 100.0000,
35.4437)

Have a look what the booklet for
XYZ(96.8487, 100.0000, 35.4437)
contains.

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Color

**XYZ(79.4549, 91.2429,
34.5430)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFA82
RGB	255, 250, 130
RGB Percent	100%, 98%, 51%
CMY	0.0000, 0.0196, 0.4902
CMYK	0.00, 0.02, 0.49, 0.00
HSL	58°, 100%, 75%
HSV	58°, 49%, 100%
XYZ	79.4549, 91.2429, 34.5430
YIQ	237.8150, 41.5000, -36.2600

Conversions

Conversions Part 2

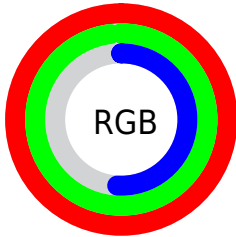
Format	Color
R_{YB}	135, 255, 130
Decimal	16775810
CIE _{Lab}	96.51, -13.95, 57.58
CIE _{LCh}	97, 59.243, 103.616
Yxy	91.2429, 0.3871, 0.4446
Android (android.graphics.Color)	4294965890 (0xFFFFFA82)
YUV	237.8150, -53.1528, 15.0712
Hunter-Lab	95.5211, -18.6849, 45.4240

Details

The XYZ color **79.4549, 91.2429, 34.5430** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **35.9199, 29.2930, 98.3685**, and the grayscale version is **81.5027, 85.7472, 93.3787**.

A 20% lighter version of the original color is **85.7570, 96.2828, 59.9635**, and **43.3612, 50.8411, 14.3654** is the 20% darker color. If you saturate the color by 10%, you get **77.6362, 90.0137, 26.5137**, and if you desaturate by 10%, it is **81.7038, 92.6536, 44.8101**.

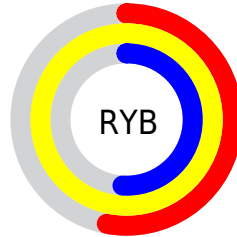
Distribution



Red (100%)

Green (98%)

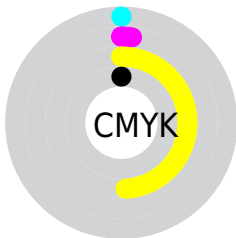
Blue (51%)



Red (53%)

Yellow (100%)

Blue (51%)

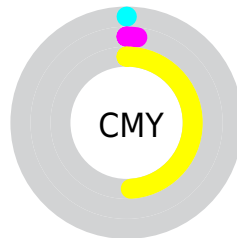


Cyan (0%)

Magenta (2%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (2%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.4549, 91.2429, 34.5430 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 79.4549, 91.2429, 34.5430 by changing the saturation by 10% instead.


 79.4549, 91.2429,
34.5430

 79.4549, 91.2429,
34.5430


481.8585,
532.0657, 337.3893


 59.5768, 69.0120,
23.0303


 131.5536,
149.0636, 67.9207

 43.3258, 50.7215,
14.4104


 164.5050,
185.4222, 90.6228

 30.3364, 35.9870,
8.2646


 202.5448,
227.2588, 117.8918

 20.2434, 24.4241,
4.1746

246.0385,
274.9578, 150.1463

 12.6814, 15.6485,
1.7216

295.3513,
328.9036, 187.8047

 7.2850, 9.2758,
0.3755

350.8487,

 3.6889, 4.9215,

389.4806, 231.2857

0.0000

412.8960,
457.0732, 281.0077

■ 1.5277, 2.2013,
0.0000

■ 0.3446, 0.7207,
0.0000

■ 79.4549, 91.2429,
34.5430

■ 79.4549, 91.2429,
34.5430

■ 77.6362, 90.0137,
26.5137

■ 81.7038, 92.6536,
44.8101

■ 76.2093, 88.9405,
20.5484

■ 84.4050, 94.2447,
57.4603

■ 75.1399, 88.0131,
16.4571

■ 87.5868, 96.0308,
72.6331

■ 74.3847, 87.2141,
14.0123

■ 91.2735, 98.0215,
90.4558

■ 73.8799, 86.5179, 95.0499, 100.0000,
12.8776 108.9000

■ 73.8359, 86.4520,
12.7953

Harmonies

Analogous

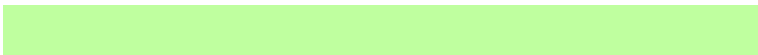
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.0014, 91.2429, 35.1090



79.4549, 91.2429, 34.5430



66.5951, 91.2429, 46.9455

Triad

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



79.4549, 91.2429, 34.5430



65.6885, 91.2429, 176.2941



120.9289, 91.2429, 127.2994

Complementary

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



79.4549, 91.2429, 34.5430



35.9199, 29.2930, 98.3685

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.



110.5473, 91.2429, 180.8921



79.4549, 91.2429, 34.5430



78.0637, 91.2429, 214.7605

Square

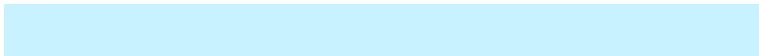
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.4549, 91.2429, 34.5430



59.3564, 91.2429, 122.3528



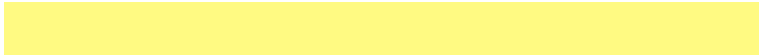
94.4227, 91.2429, 216.6694



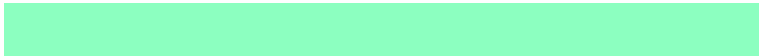
121.4257, 91.2429, 79.4242

Rectangle

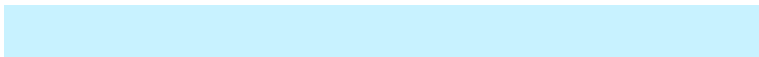
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.4549, 91.2429, 34.5430



61.2539, 91.2429, 64.1395



94.4227, 91.2429, 216.6694



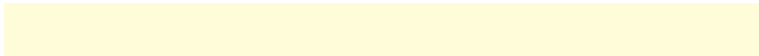
118.4251, 91.2429, 145.5361

Sweetspot

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



79.4571, 91.2471, 34.5449



89.0064, 96.8057, 79.4695



53.6850, 39.0109, 28.0873



18.8894, 20.6325, 16.2305



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

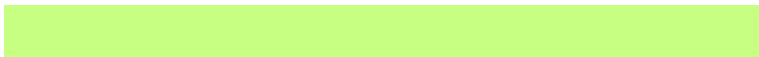
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.4571, 91.2471, 34.5449



77.6393, 90.0159, 26.5264



63.2767, 85.2398, 34.2382



19.4954, 20.9589, 19.1623



38.6084, 45.2281, 6.6950



3.7778, 4.4409, 0.6581

Inverse Universe

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



35.9199, 29.2930, 98.3685



29.4595, 21.4692, 97.1990



46.3440, 33.6568, 98.6614



17.0612, 17.4940, 22.7274



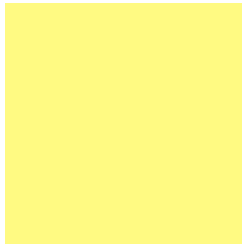
9.5144, 3.9385, 49.6933



0.9460, 0.4226, 4.8450

Previews

White Background



This preview shows how the XYZ color 79.4549, 91.2429, 34.5430 looks on a white background.

Color Contrast Check

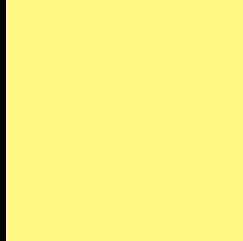
Large Text (above 18pt) WCAG AA × Fail

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 79.4549, 91.2429, 34.5430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

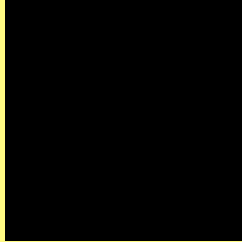
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.4549, 91.2429, 34.5430

Background



This preview shows how black text looks on a background with the XYZ color 79.4549, 91.2429, 34.5430.



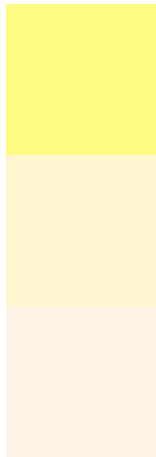
This preview shows how white text looks on a background with the XYZ color 79.4549, 91.2429,

34.5430.

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

79.4549, 91.2429, 34.5430

Protanopia

85.4010, 91.1683, 73.4177

Deuteranopia

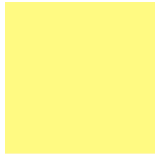
87.7144, 91.1307, 88.5682



Tritanopia

89.7942, 91.0101, 102.4566

Trichromacy



Original Color

79.4549, 91.2429, 34.5430



Protanomaly

82.7390, 91.0768, 56.3988



Deuteranomaly

83.9334, 91.0666, 64.1928



Tritanomaly

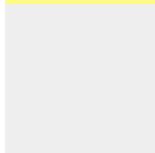
84.7313, 90.4176, 71.3790

Monochromacy



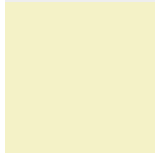
Original Color

79.4549, 91.2429, 34.5430



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

79.3692, 86.8609, 66.6155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4549, 91.2429, 34.5430 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(255, 250, 130)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 130)  
}
```

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(255, 250, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 130) }
```

Border

The CSS property to change the border of an element to XYZ 79.4549, 91.2429, 34.5430 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(255, 250, 130) }
```


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

```
.border{ border-color:rgb(255, 250, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 250, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 130);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4549, 91.2429, 34.5430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 130) }
```

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

```
.background{ background-color: rgb(255,  
250, 130) }
```

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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