

Converting Colors

XYZ(77.1782, 92.5592, 27.9854)

Have a look what the booklet for
XYZ(77.1782, 92.5592, 27.9854)
contains.

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Color

**XYZ(77.1782, 92.5592,
27.9853)**

Conversions

Conversions Part 1

Format	Color
Hex	F8FF6C
RGB	248, 255, 108
RGB Percent	97%, 100%, 42%
CMY	0.0275, 0.0000, 0.5765
CMYK	0.03, 0.00, 0.58, 0.00
HSL	63°, 100%, 71%
HSV	63°, 58%, 100%
XYZ	77.1782, 92.5592, 27.9853
YIQ	236.1490, 43.0150, -47.2010

Conversions

Conversions Part 2

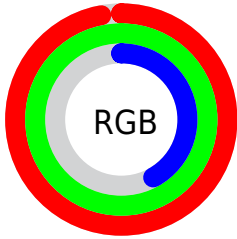
Format	Color
RYB	108, 255, 115
Decimal	16318316
CIELab	97.05, -20.81, 67.75
CIELCh	97, 70.874, 107.074
Yxy	92.5592, 0.3903, 0.4681
Android (android.graphics.Color)	4294508396 (0xFFFF8FF6C)
YUV	236.1490, -63.1775, 10.3933
Hunter-Lab	96.2077, -25.1700, 50.0989

Details

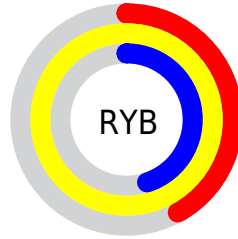
The XYZ color **77.1782, 92.5592, 27.9853** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **30.4838, 21.5912, 97.1686**, and the grayscale version is **80.2879, 84.4691, 91.9869**.

A 20% lighter version of the original color is **83.7008, 95.4603, 49.1361**, and **41.7779, 51.4460, 10.8601** is the 20% darker color. If you saturate the color by 10%, you get **75.5843, 91.8720, 21.8330**, and if you desaturate by 10%, it is **79.1718, 93.4065, 36.2298**.

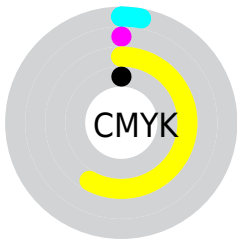
Distribution



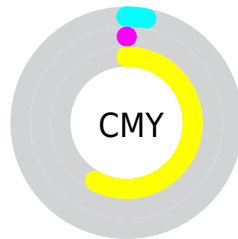
- Red (97%)
- Green (100%)
- Blue (42%)



- Red (42%)
- Yellow (100%)
- Blue (45%)



- Cyan (3%)
- Magenta (0%)
- Yellow (58%)
- Black (0%)



- Cyan (3%)
- Magenta (0%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.1782, 92.5592, 27.9853 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 77.1782, 92.5592, 27.9853 by changing the saturation by 10% instead.

77.1782, 92.5592,
27.9853

77.1782, 92.5592,
27.9853

474.2540,
536.3211, 306.3064

57.6996, 70.1052,
18.0756

128.3625,
150.8882, 57.4838

41.8095, 51.6123,
10.8343

160.7989,
187.5320, 77.9097

29.1426, 36.6961,
5.8428

198.2853,
229.6744, 102.6781

19.3336, 24.9723,
2.6825

241.1869,
277.7000, 132.2075

12.0170, 16.0564,
0.9346

289.8693,
331.9931, 166.9165

6.8275, 9.5641,
0.0000

344.6977,

3.3998, 5.1109,

392.9380, 207.2236

0.0000

406.0375,
460.9192, 253.5474

■ 1.3686, 2.3125,
0.0000

■ 0.2337, 0.7803,
0.0000

■ 77.1782, 92.5592,
27.9853

■ 77.1782, 92.5592,
27.9853

■ 75.5843, 91.8720,
21.8330

■ 79.1718, 93.4065,
36.2298

■ 74.3543, 91.3307,
17.5812


■ 81.5964, 94.4266,
46.7284


■ 73.4460, 90.9185,
15.0094

■ 84.4803, 95.6307,
59.6310

■ 72.8041, 90.6131,
13.8253

■ 87.8494, 97.0292,
75.0738

 72.6725, 90.5491,
13.6475

 91.7276, 98.6317,
93.1830

95.0500, 100.0000,
108.9000

Harmonies

Analogous

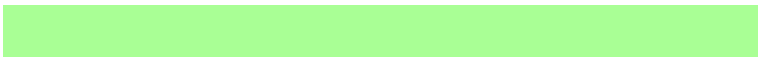
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.8439, 92.5592, 27.1177



77.1782, 92.5592, 27.9853



62.7534, 92.5592, 42.9189

Triad

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



77.1782, 92.5592, 27.9853



64.3352, 92.5592, 204.6192



130.9443, 92.5592, 127.4277

Complementary

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



77.1782, 92.5592, 27.9853



30.4838, 21.5912, 97.1686

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.



119.1835, 92.5592, 195.7278



77.1782, 92.5592, 27.9853



79.6643, 92.5592, 250.3969

Square

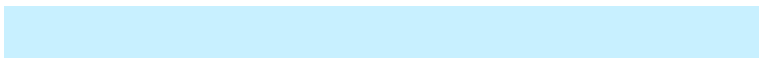
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.1782, 92.5592, 27.9853



56.1448, 92.5592, 136.6295



99.7340, 92.5592, 246.6372



130.0089, 92.5592, 71.8255

Rectangle

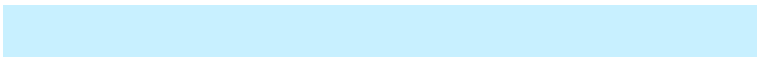
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.1782, 92.5592, 27.9853



57.1441, 92.5592, 63.7355



99.7340, 92.5592, 246.6372



128.2778, 92.5592, 149.9589

Sweetspot

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



77.1782, 92.5592, 27.9865



88.0841, 97.1264, 76.1609



49.8414, 34.1317, 18.1497



18.6987, 20.7249, 15.5851



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

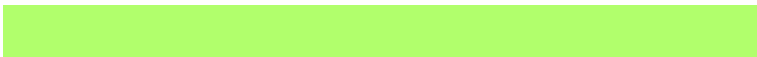
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.1782, 92.5592, 27.9865



75.3972, 91.7905, 21.1502



56.5080, 81.9033, 27.0192



19.4707, 21.0441, 19.1800



38.0103, 47.3331, 7.1329



3.7262, 4.6217, 0.6957

Inverse Universe

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



30.4838, 21.5912, 97.1686



24.8203, 14.8661, 96.1690



43.7605, 28.4355, 97.7899



17.0830, 17.4190, 22.7118



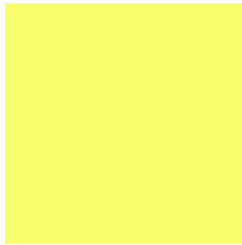
9.5455, 3.8314, 49.6710



0.9563, 0.3869, 4.8376

Previews

White Background



This preview shows how the XYZ color 77.1782, 92.5592, 27.9853 looks on a white background.

Color Contrast Check

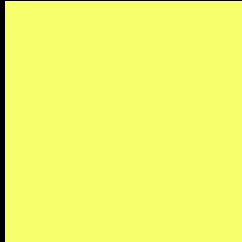
Large Text (above 18pt) WCAG AA × Fail

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 77.1782, 92.5592, 27.9853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

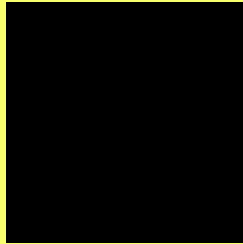
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.1782, 92.5592, 27.9853

Background



This preview shows how black text looks on a background with the XYZ color 77.1782, 92.5592, 27.9853.



This preview shows how white text looks on a background with the XYZ color 77.1782, 92.5592,

Color Blindness Simulation

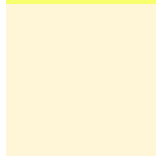
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



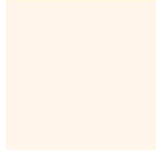
Original Color

77.1782, 92.5592, 27.9853



Protanopia

86.4615, 92.0778, 77.5058



Deuteranopia

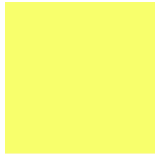
88.7437, 92.5053, 91.0199



Tritanopia

90.8613, 92.3895, 105.1395

Trichromacy



Original Color

77.1782, 92.5592, 27.9853



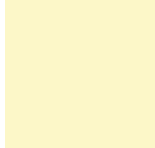
Protanomaly

81.8570, 91.5814, 54.4369



Deuteranomaly

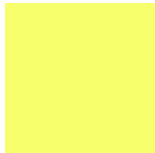
83.0977, 92.0777, 60.9700



Tritanomaly

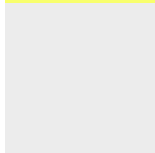
83.8310, 91.3871, 67.8647

Monochromacy



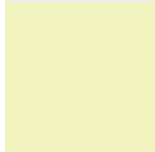
Original Color

77.1782, 92.5592, 27.9853



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.1711, 86.3006, 60.7344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.1782, 92.5592, 27.9853 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(248, 255, 108)` looks like.

```
.text, #text, p{  
  color:rgb(248, 255, 108)  
}
```

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(248, 255, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 108) }
```

Border

The CSS property to change the border of an element to XYZ 77.1782, 92.5592, 27.9853 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(248, 255, 108) }
```


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

```
.border{ border-color:rgb(248, 255, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 255, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 108);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 77.1782, 92.5592, 27.9853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 108) }
```

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

```
.background{ background-color: rgb(248,  
255, 108) }
```

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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