

Converting Colors

XYZ(88.2723, 95.8211, 38.5454)

Have a look what the booklet for
XYZ(88.2723, 95.8211, 38.5454)
contains.

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Color

**XYZ(80.1592, 91.5247,
38.2521)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFA8C
RGB	255, 250, 140
RGB Percent	100%, 98%, 55%
CMY	0.0000, 0.0196, 0.4510
CMYK	0.00, 0.02, 0.45, 0.00
HSL	57°, 100%, 77%
HSV	57°, 45%, 100%
XYZ	80.1592, 91.5247, 38.2521
YIQ	238.9550, 38.2900, -33.1500

Conversions

Conversions Part 2

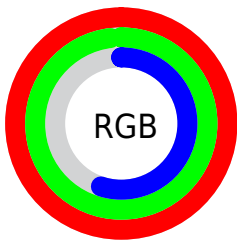
Format	Color
RYB	145, 255, 140
Decimal	16775820
CIELab	96.63, -13.06, 53.06
CIELCh	97, 54.643, 103.825
Yxy	91.5247, 0.3818, 0.4360
Android (android.graphics.Color)	4294965900 (0xFFFFFA8C)
YUV	238.9550, -48.7848, 14.0715
Hunter-Lab	95.6685, -17.8575, 43.2615

Details

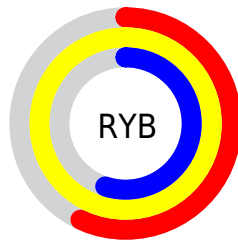
The XYZ color **80.1592, 91.5247, 38.2521** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **38.9904, 33.0452, 98.9307**, and the grayscale version is **82.3580, 86.6470, 94.3586**.

A 20% lighter version of the original color is **86.8503, 96.7201, 65.7211**, and **43.7770, 51.0075, 16.5550** is the 20% darker color. If you saturate the color by 10%, you get **78.1505, 90.1757, 29.3568**, and if you desaturate by 10%, it is **82.6100, 93.0605, 49.4463**.

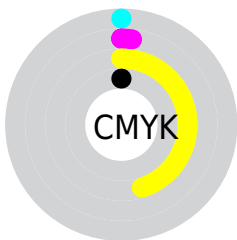
Distribution



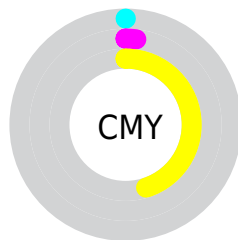
- Red (100%)
- Green (98%)
- Blue (55%)



- Red (57%)
- Yellow (100%)
- Blue (55%)



- Cyan (0%)
- Magenta (2%)
- Yellow (45%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.1592, 91.5247, 38.2521 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 80.1592, 91.5247, 38.2521 by changing the saturation by 10% instead.


 80.1592, 91.5247,
38.2521

 80.1592, 91.5247,
38.2521


484.1976,
532.9783, 354.0307

 60.1583, 69.2459,
25.8751


 132.5389,
149.4545, 73.7021

 43.7962, 50.9120,
16.5053


 165.6484,
185.8742, 97.6121

 30.7075, 36.1386,
9.7242


203.8581,
227.7765, 126.2035

 20.5270, 24.5412,
5.1133

247.5334,
275.5456, 159.8949

 12.8892, 15.7356,
2.2540

297.0396,
329.5659, 199.1048

 7.4287, 9.3373,
0.7053

352.7422,

 3.7803, 4.9618,

390.2218, 244.2517

0.0000

415.0064,
457.8978, 295.7542

■ 1.5786, 2.2249,
0.0000

■ 0.3784, 0.7335,
0.0000

■ 80.1592, 91.5247,
38.2521

■ 80.1592, 91.5247,
38.2521

■ 78.1505, 90.1757,
29.3568

■ 82.6100, 93.0605,
49.4463

■ 76.5468, 88.9885,
22.5939

■ 85.5240, 94.7814,
63.0789

■ 75.3158, 87.9537,
17.7839

■ 88.9286, 96.7018,
79.2854

■ 74.4174, 87.0552,
14.7151

■ 92.8474, 98.8311,
98.1894

■ 73.8020, 86.2730,
13.1268

95.0499, 99.9999,
108.9000

■ 73.5690, 85.9182,
12.7064

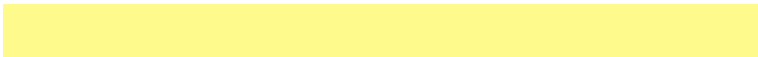
Harmonies

Analogous

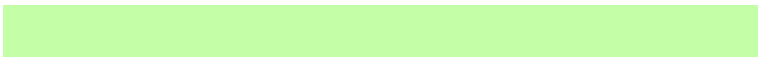
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.4340, 91.5247, 38.7258



80.1592, 91.5247, 38.2521



68.1946, 91.5247, 50.4477

Triad

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



80.1592, 91.5247, 38.2521



67.4728, 91.5247, 169.9993



118.3638, 91.5247, 124.9762

Complementary

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



80.1592, 91.5247, 38.2521



38.9904, 33.0452, 98.9307

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.



108.9593, 91.5247, 173.5068



80.1592, 91.5247, 38.2521



79.0622, 91.5247, 204.2575

Square

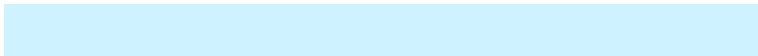
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.1592, 91.5247, 38.2521



61.4712, 91.5247, 121.1399



94.2014, 91.5247, 205.7020



118.7472, 91.5247, 80.8733

Rectangle

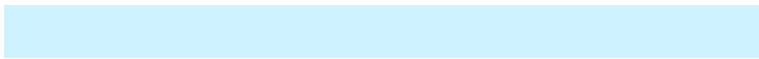
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.1592, 91.5247, 38.2521



63.2020, 91.5247, 66.9601



94.2014, 91.5247, 205.7020



116.1072, 91.5247, 141.5627

Sweetspot

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



80.1614, 91.5289, 38.2540



89.3332, 96.9253, 81.2252



55.7875, 42.0846, 32.2763



18.9520, 20.6525, 16.5755



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

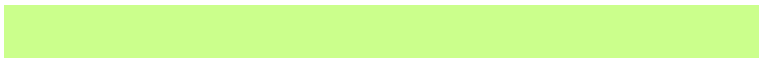
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.1614, 91.5289, 38.2540



78.3509, 90.3161, 30.2255



65.1908, 86.1451, 38.0039



19.4897, 20.9475, 19.1604



38.4712, 44.9537, 6.6493



3.7659, 4.4172, 0.6541

Inverse Universe

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



38.9904, 33.0452, 98.9307



32.5441, 25.2578, 97.7677



49.1038, 37.1511, 99.1902



17.0662, 17.5041, 22.7291



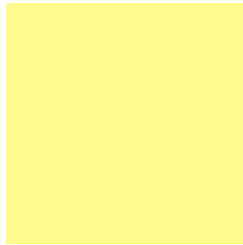
9.5216, 3.9529, 49.6957



0.9484, 0.4274, 4.8458

Previews

White Background



This preview shows how the XYZ color 80.1592, 91.5247, 38.2521 looks on a white background.

Color Contrast Check

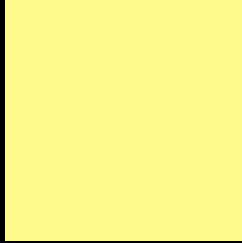
Large Text (above 18pt) WCAG AA × Fail

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 80.1592, 91.5247, 38.2521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

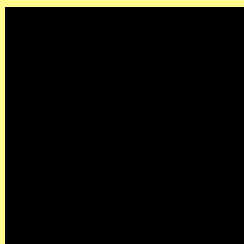
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.1592, 91.5247, 38.2521

Background



This preview shows how black text looks on a background with the XYZ color 80.1592, 91.5247, 38.2521.



This preview shows how white text looks on a background with the XYZ color 80.1592, 91.5247,

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

80.1592, 91.5247, 38.2521

Protanopia

85.6503, 91.2680, 74.7302

Deuteranopia

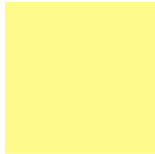
87.8561, 91.1874, 89.3143



Tritanopia

90.2474, 91.6664, 103.3793

Trichromacy



Original Color

80.1592, 91.5247, 38.2521



Protanomaly

83.2577, 91.2843, 59.1304



Deuteranomaly

84.5046, 91.2951, 67.2007



Tritanomaly

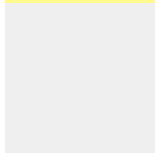
85.5253, 91.2180, 74.0719

Monochromacy



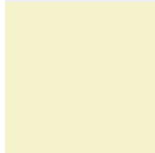
Original Color

80.1592, 91.5247, 38.2521



Achromatopsia

82.0431, 86.3157, 93.9978



Achromatomaly

80.4863, 87.8255, 69.2098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.1592, 91.5247, 38.2521 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 140) }
```

Border

The CSS property to change the border of an element to XYZ 80.1592, 91.5247, 38.2521 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, 140) }
```


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

```
.border{ border-color:rgb(255, 250, 140) }
```

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, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 80.1592, 91.5247, 38.2521 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, 140) }
```

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

```
.background{ background-color: rgb(255,  
250, 140) }
```

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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