

Converting Colors

XYZ(80.3283, 91.2187, 56.0210)

Have a look what the booklet for
XYZ(80.3283, 91.2187, 56.0210)
contains.

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Color

**XYZ(80.3283, 91.2187,
56.0210)**

Conversions

Conversions Part 1

Format	Color
Hex	F6FAB3
RGB	246, 250, 179
RGB Percent	96%, 98%, 70%
CMY	0.0353, 0.0196, 0.2980
CMYK	0.02, 0.00, 0.28, 0.02
HSL	63°, 88%, 84%
HSV	63°, 28%, 98%
XYZ	80.3283, 91.2187, 56.0210
YIQ	240.7100, 20.4070, -22.9290

Conversions

Conversions Part 2

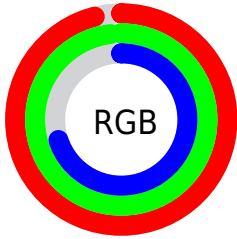
Format	Color
RYB	179, 250, 183
Decimal	16186035
CIELab	96.50, -12.18, 33.70
CIElCh	97, 35.839, 109.874
Yxy	91.2187, 0.3530, 0.4008
Android (android.graphics.Color)	4294376115 (0xFFFF6FAB3)
YUV	240.7100, -30.4230, 4.6393
Hunter-Lab	95.5085, -17.0108, 32.0791

Details

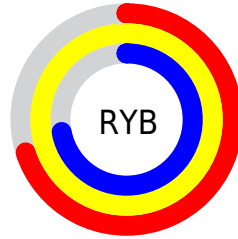
The XYZ color **80.3283, 91.2187, 56.0210** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **52.9073, 49.2119, 97.1580**, and the grayscale version is **83.6034, 87.9573, 95.7855**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **44.0439, 50.9087, 27.2437** is the 20% darker color. If you saturate the color by 10%, you get **77.5337, 90.0471, 43.8669**, and if you desaturate by 10%, it is **83.5898, 92.5838, 70.5934**.

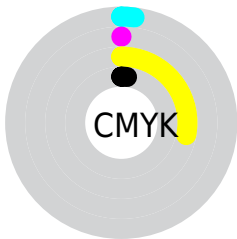
Distribution



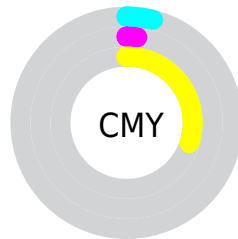
- Red (96%)
- Green (98%)
- Blue (70%)



- Red (70%)
- Yellow (98%)
- Blue (72%)



- Cyan (2%)
- Magenta (0%)
- Yellow (28%)
- Black (2%)



- Cyan (4%)
- Magenta (2%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.3283, 91.2187, 56.0210 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 80.3283, 91.2187, 56.0210 by changing the saturation by 10% instead.

80.3283, 91.2187,
56.0210

80.3283, 91.2187,
56.0210

484.7582,
531.9873, 427.1612

60.2979, 68.9919,
39.8157

132.7753,
149.0301, 100.5214

43.9092, 50.7051,
27.0821

165.9227,
185.3834, 129.6535

30.7967, 35.9740,
17.4019

204.1731,
227.2144, 163.9316

20.5952, 24.4141,
10.3565

247.8919,
274.9073, 203.7743

12.9392, 15.6411,
5.5273

297.4444,
328.8467, 249.6000

7.4634, 9.2705,
2.4957

353.1961,

3.8024, 4.9181,

389.4169, 301.8274

0.8379

415.5123,
457.0023, 360.8749

■ 1.5910, 2.1993,
0.0000

■ 0.3865, 0.7196,
0.0000

■ 80.3283, 91.2187,
56.0210

■ 80.3283, 91.2187,
56.0210

■ 77.5337, 90.0471,
43.8669

■ 83.5898, 92.5838,
70.5934

■ 75.1741, 89.0467,
33.9949


■ 87.3342, 94.1394,
87.6991


■ 73.2249, 88.2110,
26.2639


■ 91.5851, 95.8980,
107.4526


■ 71.6558, 87.5277,
20.5150


■ 92.2531, 96.2239,
108.3185


 70.4323, 86.9831,
16.5672


 92.7649, 96.4877,
108.3425

 69.5140, 86.5610,
14.2065

 93.2804, 96.7535,
108.3666

 68.8436, 86.2384,
13.1320

 93.4776, 96.8551,
108.3759

 68.7468, 86.1911,
13.0132

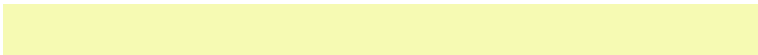
Harmonies

Analogous

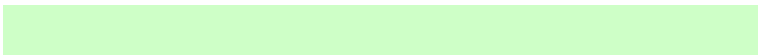
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.1246, 91.2187, 54.3842



80.3283, 91.2187, 56.0210



72.8166, 91.2187, 67.8974

Triad

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



80.3283, 91.2187, 56.0210



74.8922, 91.2187, 147.6463



107.0353, 91.2187, 109.3191

Complementary

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



80.3283, 91.2187, 56.0210



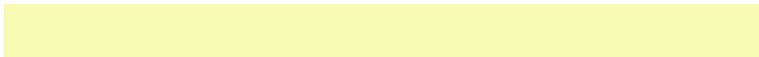
52.9073, 49.2119, 97.1580

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.



102.2460, 91.2187, 139.1963



80.3283, 91.2187, 56.0210



83.3645, 91.2187, 163.9756

Square

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



80.3283, 91.2187, 56.0210



69.8492, 91.2187, 119.2381



93.4014, 91.2187, 160.6165



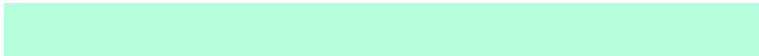
106.0653, 91.2187, 81.7565

Rectangle

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



80.3283, 91.2187, 56.0210



69.8743, 91.2187, 81.5566



93.4014, 91.2187, 160.6165



106.0322, 91.2187, 119.4955

Sweetspot

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



80.3306, 91.2228, 56.0229



91.0978, 98.3643, 90.5660



64.4048, 57.2626, 50.3073



19.3706, 21.0009, 18.7960



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

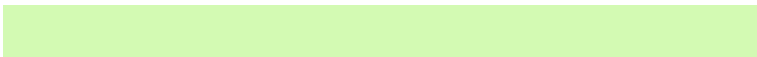
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.3306, 91.2228, 56.0229



82.3191, 94.7024, 51.1332



69.1753, 85.4720, 55.5009



18.6250, 20.1380, 18.3678



36.5055, 45.7376, 6.9042



3.4097, 4.2509, 0.6408

Inverse Universe

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



52.9073, 49.2119, 97.1580



49.3841, 44.2423, 100.5445



62.3066, 54.0575, 97.5979



16.3736, 16.6897, 21.7437



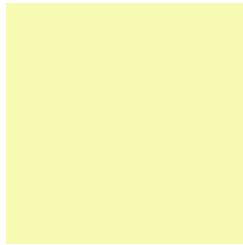
9.2861, 3.7299, 48.2041



0.8909, 0.3614, 4.4660

Previews

White Background



This preview shows how the XYZ color 80.3283, 91.2187, 56.0210 looks on a white background.

Color Contrast Check

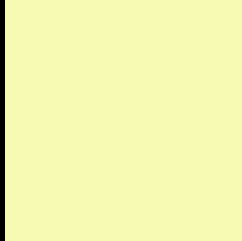
Large Text (above 18pt) WCAG AA × Fail

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 80.3283, 91.2187, 56.0210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

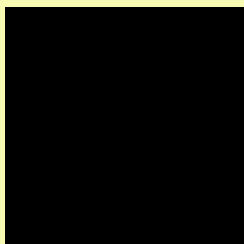
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.3283, 91.2187, 56.0210

Background



This preview shows how black text looks on a background with the XYZ color 80.3283, 91.2187, 56.0210.

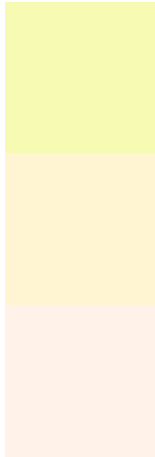


This preview shows how white text looks on a background with the XYZ color 80.3283, 91.2187,

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

80.3283, 91.2187, 56.0210

Protanopia

85.6503, 91.2680, 74.7302

Deuteranopia

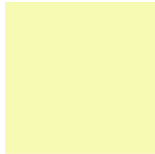
87.9986, 91.2444, 90.0647



Tritanopia

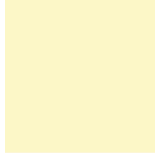
90.0133, 91.0132, 107.4308

Trichromacy



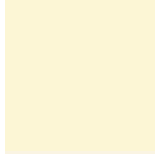
Original Color

80.3283, 91.2187, 56.0210



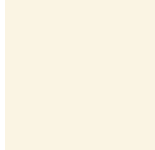
Protanomaly

83.7145, 91.3405, 67.2511



Deuteranomaly

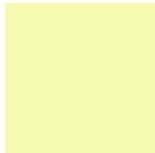
85.1109, 91.4111, 76.1091



Tritanomaly

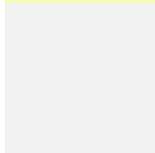
85.6402, 90.5714, 85.6414

Monochromacy



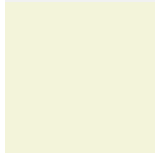
Original Color

80.3283, 91.2187, 56.0210



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.9677, 88.8180, 79.1531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.3283, 91.2187, 56.0210 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(246, 250, 179)` looks like.

```
.text, #text, p{  
    color:rgb(246, 250, 179)  
}
```

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(246, 250, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 250, 179) }
```

Border

The CSS property to change the border of an element to XYZ 80.3283, 91.2187, 56.0210 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(246, 250, 179) }
```


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

```
.border{ border-color:rgb(246, 250, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 250, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 250, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 250, 179);  
box-shadow:4px 4px 4px 4px rgb(246, 250,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 80.3283, 91.2187, 56.0210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 250, 179) }
```

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

```
.background{ background-color: rgb(246,  
250, 179) }
```

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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