

Converting Colors

XYZ(81.4415, 90.4313, 55.2820)

Have a look what the booklet for
XYZ(81.4415, 90.4313, 55.2820)
contains.

XYZ(81.4415, 90.4313, 55.2820)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(81.4415, 90.4313,
55.2820)**

Conversions

Conversions Part 1

Format	Color
Hex	FCF7B2
RGB	252, 247, 178
RGB Percent	99%, 97%, 70%
CMY	0.0118, 0.0313, 0.3020
CMYK	0.00, 0.02, 0.29, 0.01
HSL	56°, 93%, 84%
HSV	56°, 29%, 99%
XYZ	81.4415, 90.4313, 55.2820
YIQ	240.6290, 25.1290, -20.3990

Conversions

Conversions Part 2

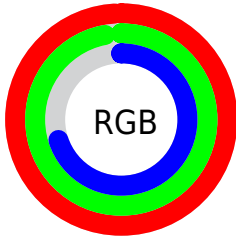
Format	Color
RYB	183, 252, 178
Decimal	16578482
CIELab	96.18, -8.61, 33.85
CIElCh	96, 34.931, 104.271
Yxy	90.4313, 0.3585, 0.3981
Android (android.graphics.Color)	4294768562 (0xFFFCF7B2)
YUV	240.6290, -30.8761, 9.9724
Hunter-Lab	95.0954, -13.5461, 32.0996

Details

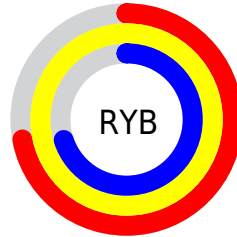
The XYZ color **81.4415, 90.4313, 55.2820** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **52.8640, 50.3589, 99.0297**, and the grayscale version is **83.5405, 87.8911, 95.7135**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **44.8381, 50.3444, 26.7562** is the 20% darker color. If you saturate the color by 10%, you get **78.6234, 88.4788, 42.9857**, and if you desaturate by 10%, it is **84.7338, 92.5873, 70.0316**.

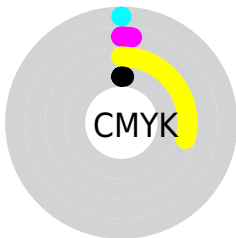
Distribution



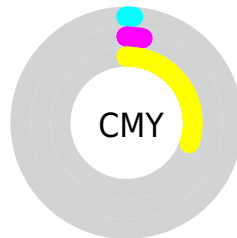
- Red (99%)
- Green (97%)
- Blue (70%)



- Red (72%)
- Yellow (99%)
- Blue (70%)



- Cyan (0%)
- Magenta (2%)
- Yellow (29%)
- Black (1%)





- Cyan (1%)
- Magenta (3%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.4415, 90.4313, 55.2820 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 81.4415, 90.4313, 55.2820 by changing the saturation by 10% instead.


 81.4415, 90.4313,
55.2820

 81.4415, 90.4313,
55.2820


488.4405,
529.4329, 424.2920

 61.2178, 68.3384,
39.2274


 134.3304,
147.9373, 99.4293

 44.6542, 50.1731,
26.6275


167.7264,
184.1193, 128.3591

 31.3852, 35.5510,
17.0637


206.2438,
225.7664, 162.4177

 21.0456, 24.0876,
10.1175

250.2481,
273.2630, 202.0237

 13.2700, 15.3986,
5.3703

300.1045,
326.9936, 247.5956

 7.6930, 9.0996,
2.4036

356.1785,

 3.9493, 4.8062,

387.3425, 299.5519

0.7884

418.8354,
454.6941, 358.3112

■ 1.6735, 2.1340,
0.0000

■ 0.4396, 0.6837,
0.0000

■ 81.4415, 90.4313,
55.2820

■ 81.4415, 90.4313,
55.2820

■ 78.6234, 88.4788,
42.9857

■ 84.7338, 92.5873,
70.0316

■ 76.2471, 86.7075,
33.0026

■ 88.5169, 94.9442,
87.3527

■ 74.2869, 85.1102,
25.1878

■ 92.8152, 97.5147,
107.3627

■ 72.7118, 83.6744,
19.3771

■ 93.5762, 98.6779,
108.7225

■ 71.4861, 82.3859, 93.9550, 99.4355,
15.3834 108.8488

■ 70.5676, 81.2278,
12.9842

■ 69.8913, 80.1740,
11.8375

■ 69.8515, 80.1086,
11.7809

Harmonies

Analogous

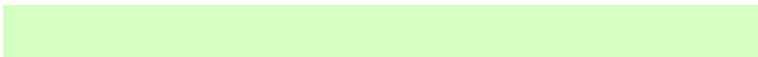
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.1018, 90.4313, 55.5215



81.4415, 90.4313, 55.2820



73.5933, 90.4313, 64.9901

Triad

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



81.4415, 90.4313, 55.2820



73.2914, 90.4313, 140.5983



105.1590, 90.4313, 113.6469

Complementary

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



81.4415, 90.4313, 55.2820



52.8640, 50.3589, 99.0297

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.



99.6227, 90.4313, 141.8195



81.4415, 90.4313, 55.2820



81.0005, 90.4313, 159.2621

Square

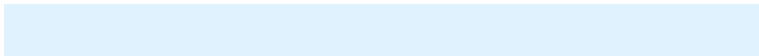
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.4415, 90.4313, 55.2820



69.1331, 90.4313, 112.2097



90.6265, 90.4313, 159.7469



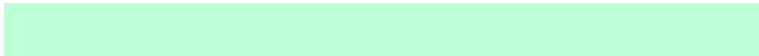
105.2994, 90.4313, 85.8899

Rectangle

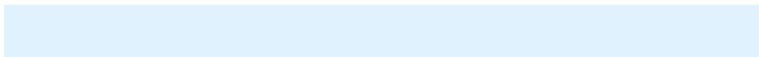
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.4415, 90.4313, 55.2820



70.2391, 90.4313, 77.0722



90.6265, 90.4313, 159.7469



103.8497, 90.4313, 123.4882

Sweetspot

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



81.4438, 90.4354, 55.2839



91.0805, 97.6248, 90.4242



64.7352, 56.0050, 52.8383



19.3663, 20.8172, 18.7608



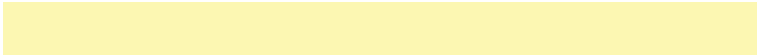
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

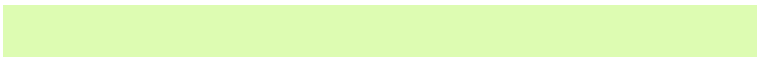
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.4438, 90.4354, 55.2839



81.9686, 91.7411, 49.3439



72.7165, 88.2339, 55.3190



18.6212, 19.9783, 18.3372



36.4305, 41.8176, 6.1515



3.4034, 3.9316, 0.5795

Inverse Universe

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



52.8640, 50.3589, 99.0297



48.4329, 44.7188, 100.6866



59.7393, 52.4012, 99.0615



16.3771, 16.8310, 21.7708



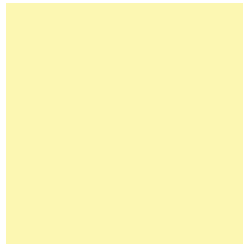
9.2933, 3.9422, 48.2447



0.8925, 0.4287, 4.4789

Previews

White Background



This preview shows how the XYZ color 81.4415, 90.4313, 55.2820 looks on a white background.

Color Contrast Check

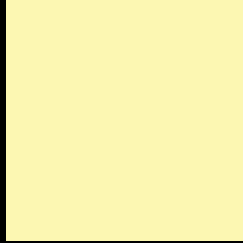
Large Text (above 18pt) WCAG AA × Fail

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 81.4415, 90.4313, 55.2820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

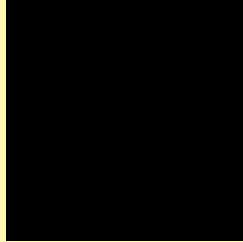
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.4415, 90.4313, 55.2820

Background



This preview shows how black text looks on a background with the XYZ color 81.4415, 90.4313, 55.2820.

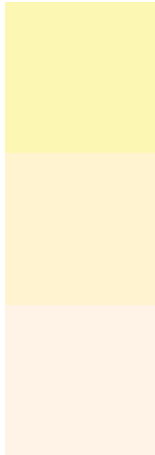


This preview shows how white text looks on a background with the XYZ color 81.4415, 90.4313,

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

81.4415, 90.4313, 55.2820

Protanopia

84.8532, 90.4664, 72.0210

Deuteranopia

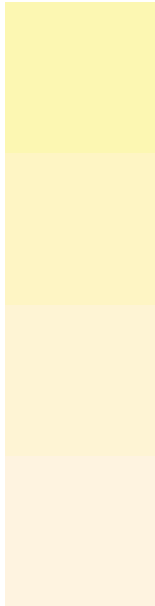
87.4159, 90.5338, 88.4688



Tritanopia

89.8127, 90.5452, 104.0101

Trichromacy



Original Color

81.4415, 90.4313, 55.2820

Protanomaly

83.4893, 90.3612, 65.2656

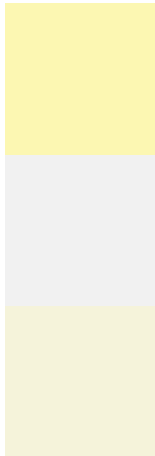
Deuteranomaly

85.1074, 90.5257, 75.2749

Tritanomaly

86.3782, 90.5538, 83.4470

Monochromacy



Original Color

81.4415, 90.4313, 55.2820

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

82.3617, 88.5756, 79.0855

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.4415, 90.4313, 55.2820 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(252, 247, 178)` looks like.

```
.text, #text, p{  
    color:rgb(252, 247, 178)  
}
```

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(252, 247, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 247, 178) }
```

Border

The CSS property to change the border of an element to XYZ 81.4415, 90.4313, 55.2820 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(252, 247, 178) }
```


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

```
.border{ border-color:rgb(252, 247, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 247, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 247, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 247, 178);  
box-shadow:4px 4px 4px 4px rgb(252, 247,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 81.4415, 90.4313, 55.2820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 247, 178) }
```

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

```
.background{ background-color: rgb(252,  
247, 178) }
```

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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