

Converting Colors

XYZ(83.1516, 92.2257, 55.5383)

Have a look what the booklet for
XYZ(83.1516, 92.2257, 55.5383)
contains.

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Color

**XYZ(83.1516, 92.2257,
55.5383)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF9B2
RGB	255, 249, 178
RGB Percent	100%, 98%, 70%
CMY	0.0000, 0.0235, 0.3020
CMYK	0.00, 0.02, 0.30, 0.00
HSL	55°, 100%, 85%
HSV	55°, 30%, 100%
XYZ	83.1516, 92.2257, 55.5383
YIQ	242.7000, 26.3670, -20.8090

Conversions

Conversions Part 2

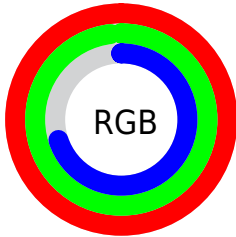
Format	Color
R_{YB}	185, 255, 178
Decimal	16775602
CIE _{Lab}	96.91, -8.49, 34.88
CIE _{LCh}	97, 35.895, 103.676
Yxy	92.2257, 0.3601, 0.3994
Android (android.graphics.Color)	4294965682 (0xFFFFF9B2)
YUV	242.7000, -31.8971, 10.7871
Hunter-Lab	96.0342, -13.5049, 32.9355

Details

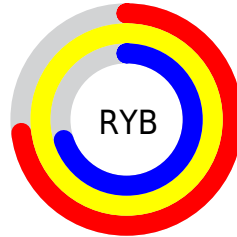
The XYZ color **83.1516, 92.2257, 55.5383** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **53.5503, 50.9646, 101.6225**, and the grayscale version is **85.1857, 89.6220, 97.5983**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **45.7976, 51.4909, 26.9270** is the 20% darker color. If you saturate the color by 10%, you get **80.2161, 90.0782, 43.0810**, and if you desaturate by 10%, it is **86.5740, 94.5848, 70.5081**.

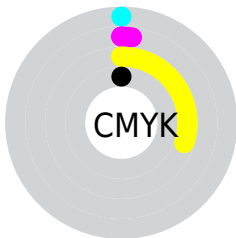
Distribution



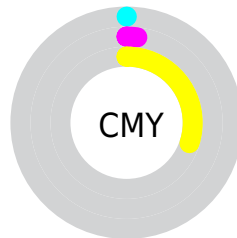
- Red (100%)
- Green (98%)
- Blue (70%)



- Red (73%)
- Yellow (100%)
- Blue (70%)



- Cyan (0%)
- Magenta (2%)
- Yellow (30%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.1516, 92.2257, 55.5383 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 83.1516, 92.2257, 55.5383 by changing the saturation by 10% instead.


 83.1516, 92.2257,
55.5383

 83.1516, 92.2257,
55.5383


494.0679,
535.2447, 425.2885

 62.6326, 69.8281,
39.4314


 136.7152,
150.4262, 99.8082

 45.8015, 51.3864,
26.7851


170.4904,
186.9978, 128.8083

 32.2932, 36.5162,
17.1808


209.4152,
229.0630, 162.9432

 21.7422, 24.8331,
10.2002

253.8547,
277.0060, 202.6314

 13.7831, 15.9528,
5.4246

304.1744,
331.2113, 248.2916

 8.0507, 9.4908,
2.4354

360.7396,

 4.1795, 5.0626,

392.0632, 300.3421

0.8056

423.9156,
459.9462, 359.2016

■ 1.8042, 2.2841,
0.0000

■ 0.5202, 0.7653,
0.0000

■ 83.1516, 92.2257,
55.5383

■ 83.1516, 92.2257,
55.5383

■ 80.2161, 90.0782,
43.0810

■ 86.5740, 94.5848,
70.5081

■ 77.7344, 88.1193,
32.9912

■ 90.5010, 97.1529,
88.1130

■ 75.6797, 86.3415,
25.1182

94.9576, 99.9433,
108.4745

■ 74.0196, 84.7319,
19.2916

95.0500, 100.0000,
108.9000

■ 72.7171, 83.2755,
15.3159

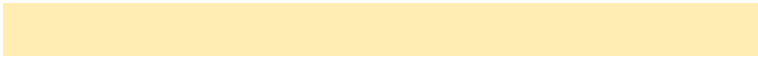
■ 71.7277, 81.9546,
12.9582

■ 70.9915, 80.7629,
11.8472

Harmonies

Analogous

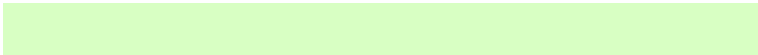
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.2229, 92.2257, 55.9871



83.1516, 92.2257, 55.5383



74.9344, 92.2257, 65.3631

Triad

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



83.1516, 92.2257, 55.5383



74.3650, 92.2257, 143.8692



107.6197, 92.2257, 116.8536

Complementary

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



83.1516, 92.2257, 55.5383



53.5503, 50.9646, 101.6225

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.



101.7455, 92.2257, 146.1882



83.1516, 92.2257, 55.5383



82.3186, 92.2257, 163.7147

Square

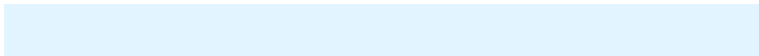
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.1516, 92.2257, 55.5383



70.1306, 92.2257, 114.1319



92.3238, 92.2257, 164.6367



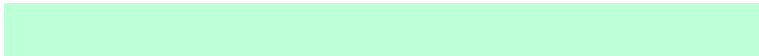
107.8859, 92.2257, 87.8493

Rectangle

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



83.1516, 92.2257, 55.5383



71.3976, 92.2257, 77.7453



92.3238, 92.2257, 164.6367



106.2163, 92.2257, 127.1190

Sweetspot

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



83.1538, 92.2298, 55.5402



91.0053, 97.4745, 90.3991



65.8566, 56.5801, 53.0280



19.3477, 20.7798, 18.7545



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

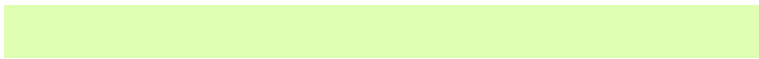
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.1538, 92.2298, 55.5402



81.3914, 90.9567, 48.0110



74.2022, 90.4094, 55.6607



19.4331, 20.8344, 19.1415



37.1454, 42.3020, 6.2073



3.6512, 4.1878, 0.6159

Inverse Universe

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



53.5503, 50.9646, 101.6225



47.6349, 43.9069, 100.5720



60.5734, 52.7758, 101.6019



17.1166, 17.6048, 22.7459



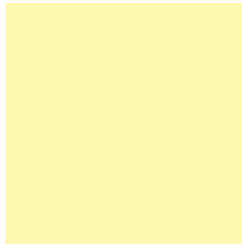
9.6007, 4.1111, 49.7221



0.9722, 0.4750, 4.8537

Previews

White Background



This preview shows how the XYZ color 83.1516, 92.2257, 55.5383 looks on a white background.

Color Contrast Check

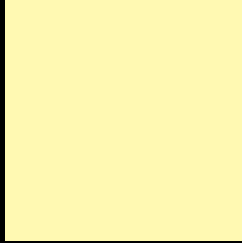
Large Text (above 18pt) WCAG AA × Fail

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 83.1516, 92.2257, 55.5383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

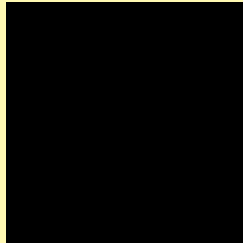
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.1516, 92.2257, 55.5383

Background



This preview shows how black text looks on a background with the XYZ color 83.1516, 92.2257, 55.5383.

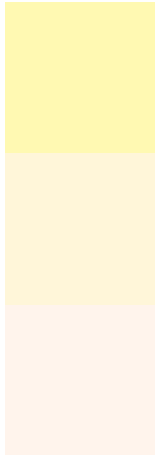


This preview shows how white text looks on a background with the XYZ color 83.1516, 92.2257,

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

83.1516, 92.2257, 55.5383

Protanopia

86.7202, 92.1813, 78.8678

Deuteranopia

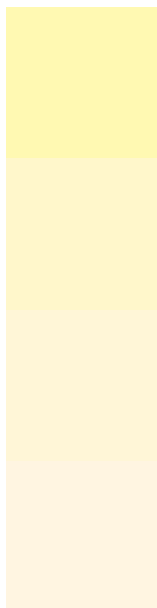
88.7310, 92.0175, 92.4414



Tritanopia

90.8613, 92.3895, 105.1395

Trichromacy



Original Color

83.1516, 92.2257, 55.5383

Protanomaly

85.2803, 92.0933, 69.7810

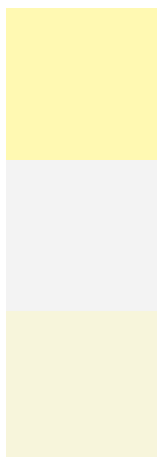
Deuteranomaly

86.4615, 92.0778, 77.5058

Tritanomaly

87.4830, 92.0011, 84.3813

Monochromacy



Original Color

83.1516, 92.2257, 55.5383

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

83.7964, 90.1934, 80.0104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.1516, 92.2257, 55.5383 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, 249, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 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(255, 249, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 178) }
```

Border

The CSS property to change the border of an element to XYZ 83.1516, 92.2257, 55.5383 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, 249, 178) }
```


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

```
.border{ border-color:rgb(255, 249, 178) }
```

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

Here you see how a box with a 4 pixel rgb(255, 249, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 83.1516, 92.2257, 55.5383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 178) }
```

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

```
.background{ background-color: rgb(255,  
249, 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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