

Converting Colors

XYZ(99.1382, 100.0000,
54.5359)

Have a look what the booklet for
XYZ(99.1382, 100.0000, 54.5359)
contains.

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Color

**XYZ(82.5453, 91.4899,
53.8662)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF8AF
RGB	255, 248, 175
RGB Percent	100%, 97%, 69%
CMY	0.0000, 0.0274, 0.3137
CMYK	0.00, 0.03, 0.31, 0.00
HSL	55°, 100%, 84%
HSV	55°, 31%, 100%
XYZ	82.5453, 91.4899, 53.8662
YIQ	241.7710, 27.6050, -21.2190

Conversions

Conversions Part 2

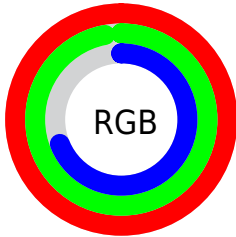
Format	Color
R_{YB}	183, 255, 175
Decimal	16775343
CIE _{Lab}	96.61, -8.35, 35.98
CIE _{LCh}	97, 36.936, 103.072
Yxy	91.4899, 0.3622, 0.4014
Android (android.graphics.Color)	4294965423 (0xFFFFF8AF)
YUV	241.7710, -32.9181, 11.6018
Hunter-Lab	95.6504, -13.3444, 33.5656

Details

The XYZ color **82.5453, 91.4899, 53.8662** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **52.4569, 49.7886, 101.4531**, and the grayscale version is **84.4557, 88.8540, 96.7620**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **45.3884, 50.9747, 25.8592** is the 20% darker color. If you saturate the color by 10%, you get **79.5930, 89.2220, 41.6711**, and if you desaturate by 10%, it is **85.9831, 93.9714, 68.5585**.

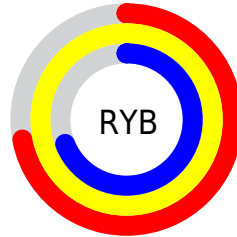
Distribution



Red (100%)

Green (97%)

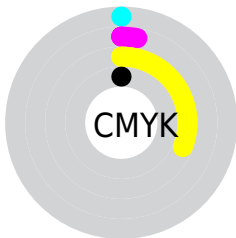
Blue (69%)



Red (72%)

Yellow (100%)

Blue (69%)

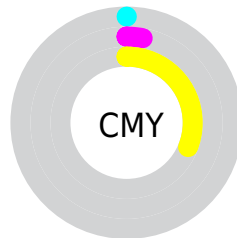


Cyan (0%)

Magenta (3%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (3%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.5453, 91.4899, 53.8662 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 82.5453, 91.4899, 53.8662 by changing the saturation by 10% instead.


 82.5453, 91.4899,
53.8662

 82.5453, 91.4899,
53.8662


492.0768,
532.8656, 418.7598

 62.1308, 69.2170,
38.1023


 135.8703,
149.4062, 97.3322

 45.3944, 50.8885,
25.7596


169.5114,
185.8184, 125.8713

 31.9708, 36.1199,
16.4197


208.2921,
227.7126, 159.5059

 21.4946, 24.5268,
9.6641

252.5778,
275.4730, 198.6545

 13.6005, 15.7248,
5.0741

302.7337,
329.4841, 243.7356

 7.9232, 9.3297,
2.2313

359.1253,

 4.0972, 4.9568,

390.1303, 295.1679

0.6924

422.1178,
457.7960, 353.3697

■ 1.7573, 2.2220,
0.0000

■ 0.4917, 0.7319,
0.0000

■ 82.5453, 91.4899,
53.8662

■ 82.5453, 91.4899,
53.8662

■ 79.5930, 89.2220,
41.6711

■ 85.9831, 93.9714,
68.5585

■ 77.0930, 87.1449,
31.8270

■ 89.9244, 96.6643,
85.8719

■ 75.0181, 85.2507,
24.1812

■ 94.3945, 99.5818,
105.9287

■ 73.3353, 83.5263,
18.5608

■ 95.0500, 100.0000,
108.9000

■ 72.0069, 81.9566,
14.7668

■ 70.9875, 80.5233,
12.5603

■ 70.2961, 79.3722,
11.6154

Harmonies

Analogous

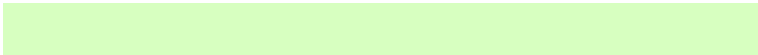
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.8674, 91.4899, 54.5259



82.5453, 91.4899, 53.8662



74.0939, 91.4899, 63.5908

Triad

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



82.5453, 91.4899, 53.8662



73.2484, 91.4899, 143.7050



107.3655, 91.4899, 117.1041

Complementary

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



82.5453, 91.4899, 53.8662



52.4569, 49.7886, 101.4531

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.



101.2319, 91.4899, 147.1857



82.5453, 91.4899, 53.8662



81.3056, 91.4899, 164.5049

Square

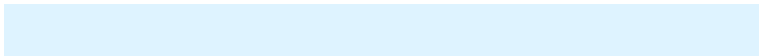
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.5453, 91.4899, 53.8662



69.0196, 91.4899, 113.0370



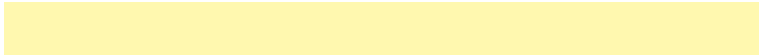
91.5261, 91.4899, 165.8918



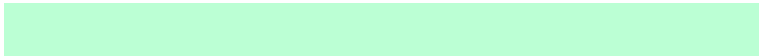
107.7638, 91.4899, 87.3035

Rectangle

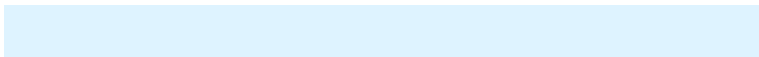
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.5453, 91.4899, 53.8662



70.4331, 91.4899, 76.0249



91.5261, 91.4899, 165.8918



105.8852, 91.4899, 127.6452

Sweetspot

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



82.5475, 91.4940, 53.8681



90.9359, 97.3356, 90.3760



65.1179, 55.3399, 52.0506



19.3304, 20.7454, 18.7488



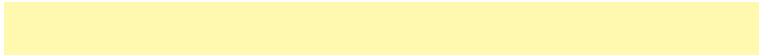
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

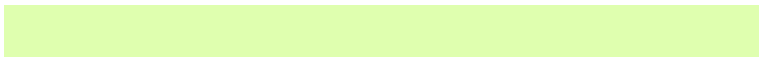
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.5475, 91.4940, 53.8681



80.5370, 89.9657, 45.5133



73.9298, 90.3034, 54.0925



19.4174, 20.8030, 19.1363



36.7875, 41.5862, 6.0880



3.6201, 4.1256, 0.6055

Inverse Universe

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



52.4569, 49.7886, 101.4531



45.9105, 41.9799, 100.2909



59.1130, 51.1465, 101.3644



17.1306, 17.6329, 22.7506



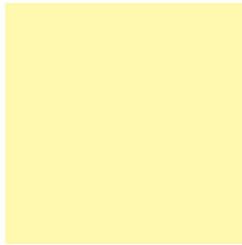
9.6276, 4.1649, 49.7311



0.9788, 0.4883, 4.8559

Previews

White Background



This preview shows how the XYZ color 82.5453, 91.4899, 53.8662 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 82.5453, 91.4899, 53.8662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

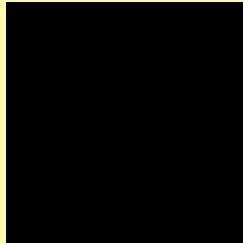
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.5453, 91.4899, 53.8662

Background



This preview shows how black text looks on a background with the XYZ color 82.5453, 91.4899, 53.8662.

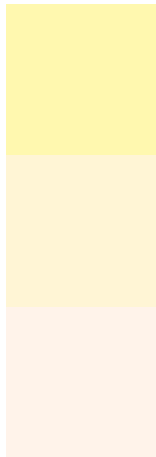


This preview shows how white text looks on a background with the XYZ color 82.5453, 91.4899,

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

82.5453, 91.4899, 53.8662

Protanopia

85.9026, 91.3689, 76.0592

Deuteranopia

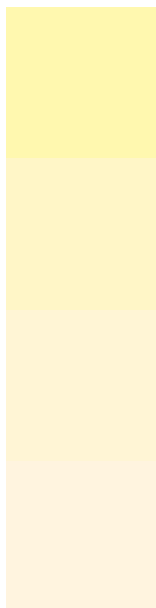
88.1419, 91.3017, 90.8193



Tritanopia

90.4047, 91.7293, 104.2075

Trichromacy



Original Color

82.5453, 91.4899, 53.8662

Protanomaly

84.5046, 91.2951, 67.2007

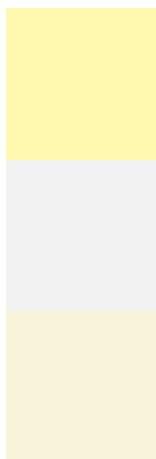
Deuteranomaly

85.9026, 91.3689, 76.0592

Tritanomaly

86.9100, 91.2891, 82.8519

Monochromacy



Original Color

82.5453, 91.4899, 53.8662

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

83.3633, 89.5375, 79.2184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5453, 91.4899, 53.8662 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, 248, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 175)  
}
```

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, 248, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 175) }
```

Border

The CSS property to change the border of an element to XYZ 82.5453, 91.4899, 53.8662 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, 248, 175) }
```


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

```
.border{ border-color:rgb(255, 248, 175) }
```

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

Here you see how a box with a 4 pixel rgb(255, 248, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5453, 91.4899, 53.8662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 248, 175) }
```

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

```
.background{ background-color: rgb(255,  
248, 175) }
```

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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