

Converting Colors

XYZ(82.8207, 93.8153, 48.4874)

Have a look what the booklet for
XYZ(82.8207, 93.8153, 48.4874)
contains.

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Color

**XYZ(82.6613, 93.5252,
48.3458)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFFCA3 |
| RGB | 255, 252, 163 |
| RGB Percent | 100%, 99%, 64% |
| CMY | 0.0000, 0.0117, 0.3608 |
| CMYK | 0.00, 0.01, 0.36, 0.00 |
| HSL | 58°, 100%, 82% |
| HSV | 58°, 36%, 100% |
| XYZ | 82.6613, 93.5252, 48.3458 |
| YIQ | 242.7510, 30.3570, -27.0430 |

Conversions

Conversions Part 2

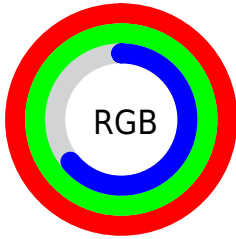
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 166, 255, 163 |
| Decimal | 16776355 |
| CIE _{Lab} | 97.44, -11.70, 43.01 |
| CIE _{LCh} | 97, 44.571, 105.224 |
| Yxy | 93.5252, 0.3681, 0.4165 |
| Android (android.graphics.Color) | 4294966435 (0xFFFFFCA3) |
| YUV | 242.7510, -39.3172, 10.7424 |
| Hunter-Lab | 96.7084, -16.6673, 38.0561 |

Details

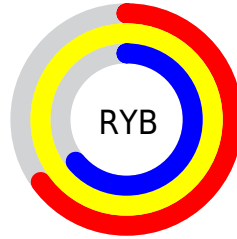
The XYZ color **82.6613, 93.5252, 48.3458** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **46.7903, 42.2778, 100.3021**, and the grayscale version is **85.2813, 89.7226, 97.7079**.

A 20% lighter version of the original color is **89.7862, 97.8945, 81.1811**, and **45.5804, 52.4760, 22.4784** is the 20% darker color. If you saturate the color by 10%, you get **80.3440, 92.1856, 37.4154**, and if you desaturate by 10%, it is **85.4450, 95.0598, 61.7065**.

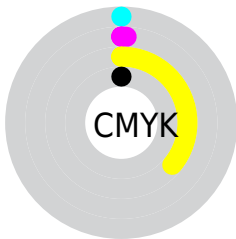
Distribution



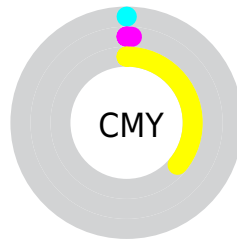
- Red (100%)
- Green (99%)
- Blue (64%)



- Red (65%)
- Yellow (100%)
- Blue (64%)



- Cyan (0%)
- Magenta (1%)
- Yellow (36%)
- Black (0%)




- Cyan (0%)
- Magenta (1%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.6613, 93.5252, 48.3458 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 82.6613, 93.5252, 48.3458 by changing the saturation by 10% instead.


 82.6613, 93.5252,
48.3458


 82.6613, 93.5252,
48.3458


492.4581,
539.4327, 396.7093

 62.2267, 70.9081,
33.7389


 136.0320,
152.2255, 89.0899

 45.4722, 52.2672,
22.4173


 169.6988,
189.0776, 116.0642

 32.0324, 37.2181,
13.9626


208.5071,
231.4434, 147.9981

 21.5419, 25.3764,
7.9562

252.8222,
279.7073, 185.3100

 13.6354, 16.3577,
3.9796

303.0095,
334.2538, 228.4186

 7.9475, 9.7776,
1.6141

359.4344,

 4.1129, 5.2518,

395.4673, 277.7423

0.3009

422.4621,
463.7321, 333.6997

■ 1.7662, 2.3957,
0.0000

■ 0.4972, 0.8237,
0.0000

■ 82.6613, 93.5252,
48.3458

■ 82.6613, 93.5252,
48.3458

■ 80.3440, 92.1856,
37.4154

■ 85.4450, 95.0598,
61.7065

■ 78.4584, 91.0172,
28.7629

■ 88.7139, 96.7870,
77.6262

■ 76.9759, 90.0118,
22.2276

■ 92.4937, 98.7205,
96.2313

■ 75.8617, 89.1555,
17.6257

95.0500, 100.0000,
108.9000

■ 75.0747, 88.4320,
14.7417

■ 74.5643, 87.8209,
13.3084

■ 74.4100, 87.6000,
12.9867

Harmonies

Analogous

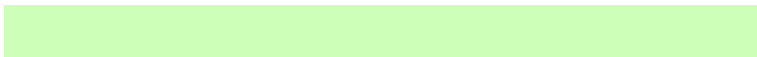
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.2381, 93.5252, 48.2603



82.6613, 93.5252, 48.3458



72.7295, 93.5252, 60.2471

Triad

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



82.6613, 93.5252, 48.3458



72.8469, 93.5252, 159.6782



114.5304, 93.5252, 120.6412

Complementary

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



82.6613, 93.5252, 48.3458



46.7903, 42.2778, 100.3021

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.



107.2895, 93.5252, 159.1602



82.6613, 93.5252, 48.3458



82.8360, 93.5252, 185.0720

Square

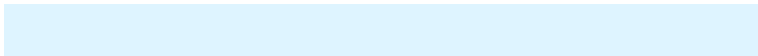
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.6613, 93.5252, 48.3458



67.4396, 93.5252, 121.2297



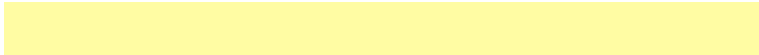
95.4301, 93.5252, 184.8626



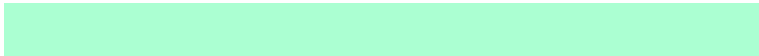
114.4723, 93.5252, 84.6242

Rectangle

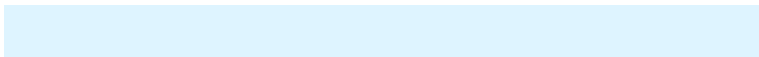
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.6613, 93.5252, 48.3458



68.5980, 93.5252, 75.3549



95.4301, 93.5252, 184.8626



112.8412, 93.5252, 133.8838

Sweetspot

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



82.6636, 93.5294, 48.3478



90.5678, 97.7424, 86.7296



61.2270, 50.2111, 42.5744



19.2765, 20.8652, 18.0287



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

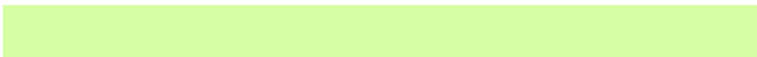
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.6636, 93.5294, 48.3478



81.0103, 92.5799, 40.5298



69.5421, 88.1716, 48.0052



19.5076, 20.9833, 19.1664



38.9035, 45.8181, 6.7934



3.8032, 4.4917, 0.6665

Inverse Universe

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



46.7903, 42.2778, 100.3021



40.5233, 34.7404, 99.1775



56.5832, 46.5278, 100.6063



17.0504, 17.4724, 22.7238



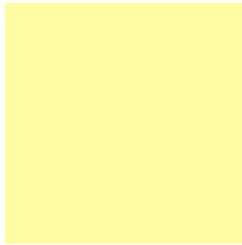
9.4991, 3.9077, 49.6882



0.9408, 0.4124, 4.8433

Previews

White Background



This preview shows how the XYZ color 82.6613, 93.5252, 48.3458 looks on a white background.

Color Contrast Check

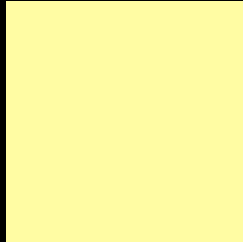
Large Text (above 18pt) WCAG AA × Fail

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 82.6613, 93.5252, 48.3458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

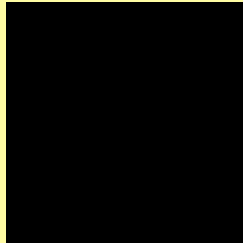
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.6613, 93.5252, 48.3458

Background



This preview shows how black text looks on a background with the XYZ color 82.6613, 93.5252, 48.3458.



This preview shows how white text looks on a background with the XYZ color 82.6613, 93.5252,

Color Blindness Simulation

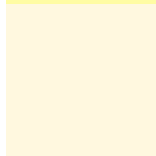
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



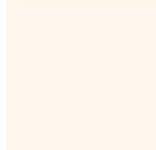
Original Color

82.6613, 93.5252, 48.3458



Protanopia

88.1267, 93.7225, 83.2575



Deuteranopia

89.6284, 93.3446, 94.1823



Tritanopia

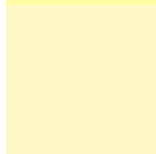
91.4631, 93.5931, 105.3401

Trichromacy



Original Color

82.6613, 93.5252, 48.3458



Protanomaly

85.6583, 93.2284, 68.7385



Deuteranomaly

86.5653, 93.0980, 75.0352



Tritanomaly

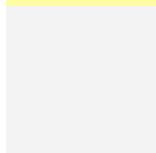
87.7257, 93.5621, 81.1458

Monochromacy



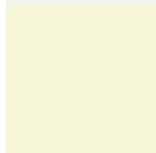
Original Color

82.6613, 93.5252, 48.3458



Achromatopsia

85.1904, 89.6269, 97.6037



Achromatomaly

83.4511, 90.5407, 76.6961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.6613, 93.5252, 48.3458 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, 252, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 163)  
}
```

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, 252, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 163) }
```

Border

The CSS property to change the border of an element to XYZ 82.6613, 93.5252, 48.3458 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, 252, 163) }
```


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

```
.border{ border-color:rgb(255, 252, 163) }
```

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

Here you see how a box with a 4 pixel rgb(255, 252, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 82.6613, 93.5252, 48.3458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 163) }
```

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

```
.background{ background-color: rgb(255,  
252, 163) }
```

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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