

Converting Colors

XYZ(82.2834, 90.4079, 55.5010)

Have a look what the booklet for
XYZ(82.2834, 90.4079, 55.5010)
contains.

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Color

**XYZ(82.3325, 90.4262,
55.7624)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF6B3
RGB	255, 246, 179
RGB Percent	100%, 96%, 70%
CMY	0.0000, 0.0353, 0.2980
CMYK	0.00, 0.04, 0.30, 0.00
HSL	53°, 100%, 85%
HSV	53°, 30%, 100%
XYZ	82.3325, 90.4262, 55.7624
YIQ	241.0530, 26.8710, -18.9290

Conversions

Conversions Part 2

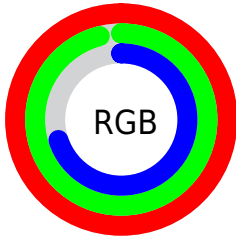
Format	Color
R_{YB}	189, 255, 179
Decimal	16774835
CIE _{Lab}	96.17, -6.88, 33.39
CIE _{LCh}	96, 34.089, 101.637
Yxy	90.4262, 0.3603, 0.3957
Android (android.graphics.Color)	4294964915 (0xFFFFF6B3)
YUV	241.0530, -30.5921, 12.2315
Hunter-Lab	95.0927, -11.8646, 31.7972

Details

The XYZ color **82.3325, 90.4262, 55.7624** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **54.6232, 52.7686, 101.9141**, and the grayscale version is **83.8712, 88.2390, 96.0923**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **45.2053, 50.2036, 27.0464** is the 20% darker color. If you saturate the color by 10%, you get **79.0786, 87.6710, 43.1092**, and if you desaturate by 10%, it is **86.0826, 93.4100, 70.9360**.

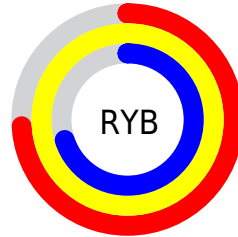
Distribution



Red (100%)

Green (96%)

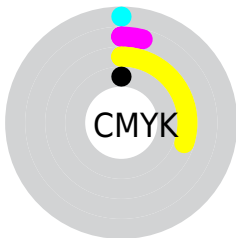
Blue (70%)



Red (74%)

Yellow (100%)

Blue (70%)

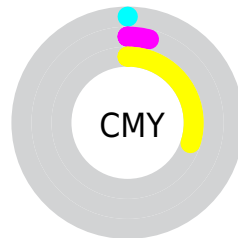


Cyan (0%)

Magenta (4%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.3325, 90.4262, 55.7624 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 82.3325, 90.4262, 55.7624 by changing the saturation by 10% instead.


 82.3325, 90.4262,
55.7624

 82.3325, 90.4262,
55.7624

491.3769,
529.4163, 426.1586

 61.9547, 68.3342,
39.6097


 135.5736,
147.9303, 100.1394

 45.2515, 50.1697,
26.9229


169.1675,
184.1111, 129.2009

 31.8577, 35.5482,
17.2834


207.8976,
225.7570, 163.4023

 21.4079, 24.0855,
10.2727

252.1291,
273.2524, 203.1623

 13.5366, 15.3970,
5.4722

302.2275,
326.9816, 248.8994

 7.8786, 9.0985,
2.4633

358.5580,

 4.0685, 4.8055,

387.3290, 301.0321

0.8206

421.4860,
454.6791, 359.9790

■ 1.7410, 2.1336,
0.0000

■ 0.4817, 0.6834,
0.0000

■ 82.3325, 90.4262,
55.7624

■ 82.3325, 90.4262,
55.7624

■ 79.0786, 87.6710,
43.1092

■ 86.0826, 93.4100,
70.9360

■ 76.2880, 85.1217,
32.8322

■ 90.3468, 96.6203,
88.7524

■ 73.9340, 82.7707,
24.7810

95.0500, 100.0000,
108.9000

■ 71.9842, 80.6049,
18.7859

■ 70.4017, 78.6094,
14.6529

■ 69.1425, 76.7666,
12.1507

■ 68.1363, 75.0481,
10.9090

■ 68.1175, 75.0149,
10.8892

Harmonies

Analogous

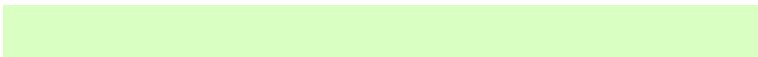
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.8027, 90.4262, 56.8517



82.3325, 90.4262, 55.7624



74.4261, 90.4262, 64.4489

Triad

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



82.3325, 90.4262, 55.7624



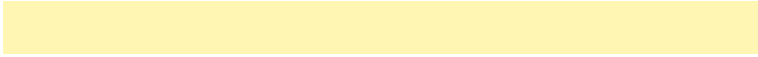
73.0643, 90.4262, 137.2588



104.3809, 90.4262, 115.7885

Complementary

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



82.3325, 90.4262, 55.7624



54.6232, 52.7686, 101.9141

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.



98.6002, 90.4262, 142.7202



82.3325, 90.4262, 55.7624



80.3465, 90.4262, 156.5976

Square

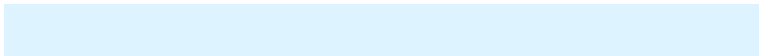
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.3325, 90.4262, 55.7624



69.3433, 90.4262, 109.3379



89.6666, 90.4262, 158.7618



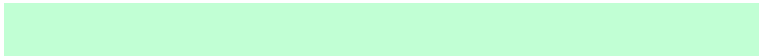
105.0106, 90.4262, 88.3263

Rectangle

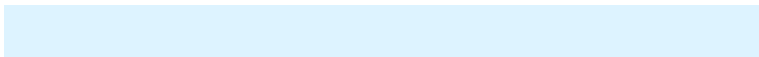
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.3325, 90.4262, 55.7624



70.9227, 90.4262, 75.7388



89.6666, 90.4262, 158.7618



102.9570, 90.4262, 125.3208

Sweetspot

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



82.3346, 90.4302, 55.7643



90.7123, 96.8884, 90.3015



66.5606, 57.1811, 55.7501



19.2750, 20.6344, 18.7303



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

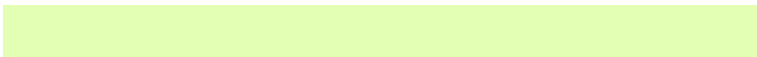
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.3346, 90.4302, 55.7643



80.2605, 88.6950, 47.6340



75.6178, 91.1275, 56.2529



19.3669, 20.7020, 19.1195



35.6657, 39.3426, 5.7141



3.5223, 3.9300, 0.5729

Inverse Universe

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



54.6232, 52.7686, 101.9141



48.3436, 45.3244, 100.8082



59.8658, 52.7075, 101.6260



17.1761, 17.7238, 22.7657



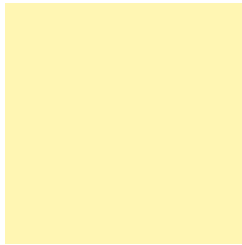
9.7307, 4.3709, 49.7654



1.0002, 0.5311, 4.8631

Previews

White Background



This preview shows how the XYZ color 82.3325, 90.4262, 55.7624 looks on a white background.

Color Contrast Check

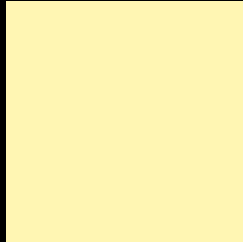
Large Text (above 18pt) WCAG AA × Fail

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 82.3325, 90.4262, 55.7624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

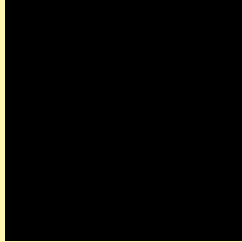
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.3325, 90.4262, 55.7624

Background



This preview shows how black text looks on a background with the XYZ color 82.3325, 90.4262, 55.7624.



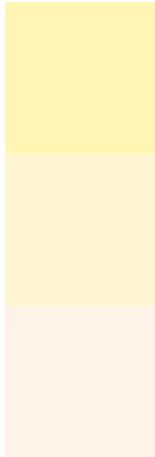
This preview shows how white text looks on a background with the XYZ color 82.3325, 90.4262, 55.7624.

55.7624.

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

82.3325, 90.4262, 55.7624

Protanopia

84.9758, 90.5154, 72.6670

Deuteranopia

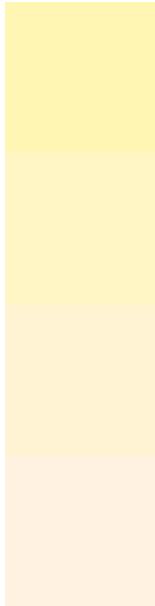
87.4159, 90.5338, 88.4688



Tritanopia

89.6554, 90.4823, 103.1820

Trichromacy



Original Color

82.3325, 90.4262, 55.7624

Protanomaly

83.9705, 90.5960, 65.8844

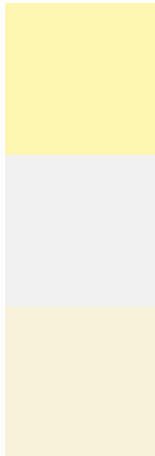
Deuteranomaly

85.1743, 90.1147, 75.1921

Tritanomaly

86.4467, 90.1461, 83.3647

Monochromacy



Original Color

82.3325, 90.4262, 55.7624

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

82.7115, 88.7560, 79.1019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.3325, 90.4262, 55.7624 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, 246, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 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(255, 246, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 179) }
```

Border

The CSS property to change the border of an element to XYZ 82.3325, 90.4262, 55.7624 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, 246, 179) }
```


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

```
.border{ border-color:rgb(255, 246, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 246, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 82.3325, 90.4262, 55.7624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 179) }
```

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

```
.background{ background-color: rgb(255,  
246, 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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