

Converting Colors

XYZ(81.7386, 90.1887, 52.6352)

Have a look what the booklet for
XYZ(81.7386, 90.1887, 52.6352)
contains.

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Color

**XYZ(81.7386, 90.1887,
52.6352)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF6AD
RGB	255, 246, 173
RGB Percent	100%, 96%, 68%
CMY	0.0000, 0.0353, 0.3216
CMYK	0.00, 0.04, 0.32, 0.00
HSL	53°, 100%, 84%
HSV	53°, 32%, 100%
XYZ	81.7386, 90.1887, 52.6352
YIQ	240.3690, 28.7970, -20.7950

Conversions

Conversions Part 2

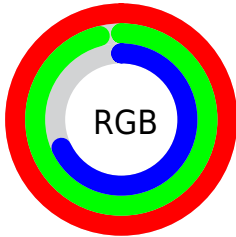
Format	Color
R _Y B	183, 255, 173
Decimal	16774829
CIE Lab	96.07, -7.60, 36.27
CIE LCh	96, 37.056, 101.837
Yxy	90.1887, 0.3640, 0.4016
Android (android.graphics.Color)	4294964909 (0xFFFFF6AD)
YUV	240.3690, -33.2129, 12.8314
Hunter-Lab	94.9677, -12.5588, 33.6163

Details

The XYZ color **81.7386, 90.1887, 52.6352** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **52.0112, 49.5586, 101.4322**, and the grayscale version is **83.3519, 87.6927, 95.4974**.

A 20% lighter version of the original color is **91.1429, 98.4371, 88.3253**, and **44.8296, 50.0533, 25.0678** is the 20% darker color. If you saturate the color by 10%, you get **78.6594, 87.6092, 40.5754**, and if you desaturate by 10%, it is **85.3060, 92.9903, 67.1832**.

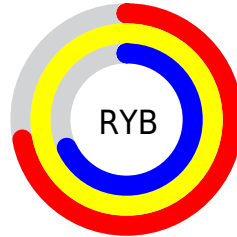
Distribution



Red (100%)

Green (96%)

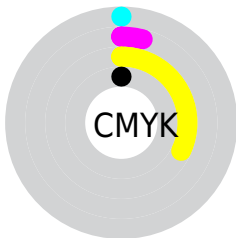
Blue (68%)



Red (72%)

Yellow (100%)

Blue (68%)

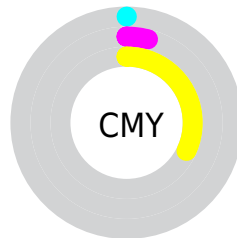


Cyan (0%)

Magenta (4%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.7386, 90.1887, 52.6352 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 81.7386, 90.1887, 52.6352 by changing the saturation by 10% instead.


 81.7386, 90.1887,
52.6352

 81.7386, 90.1887,
52.6352

489.4207,
528.6445, 413.9105

 61.4635, 68.1372,
37.1259


 134.7451,
147.6005, 95.5035

 44.8533, 50.0093,
25.0084


168.2072,
183.7295, 123.6995

 31.5427, 35.4208,
15.8643


206.7956,
225.3198, 156.9615

 21.1663, 23.9872,
9.2748

250.8758,
272.7558, 195.7081

 13.3587, 15.3241,
4.8216

300.8130,
326.4219, 240.3577

 7.7547, 9.0472,
2.0861

356.9727,

 3.9889, 4.7720,

386.7024, 291.3290

0.6075

419.7201,
453.9818, 349.0404

■ 1.6959, 2.1141,
0.0000

■ 0.4537, 0.6725,
0.0000

■ 81.7386, 90.1887,
52.6352

■ 81.7386, 90.1887,
52.6352

■ 78.6594, 87.6092,
40.5754

■ 85.3060, 92.9903,
67.1832

■ 76.0348, 85.2288,
30.8565

■ 89.3798, 96.0119,
84.3440

■ 73.8374, 83.0396,
23.3246

■ 93.9853, 99.2668,
104.2407

■ 72.0340, 81.0282,
17.8050

95.0500, 100.0000,
108.9000

■ 70.5863, 79.1793,
14.0965

■ 69.4481, 77.4741,
11.9556

■ 68.7178, 76.2156,
11.0893

Harmonies

Analogous

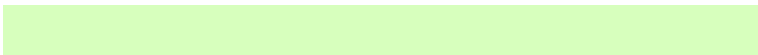
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.0191, 90.1887, 53.7072



81.7386, 90.1887, 52.6352



73.2256, 90.1887, 61.8361

Triad

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



81.7386, 90.1887, 52.6352



71.8484, 90.1887, 140.9086



105.8645, 90.1887, 116.8848

Complementary

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



81.7386, 90.1887, 52.6352



52.0112, 49.5586, 101.4322

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.



99.5641, 90.1887, 146.5921



81.7386, 90.1887, 52.6352



79.7183, 90.1887, 162.2556

Square

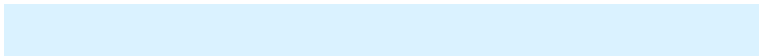
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.7386, 90.1887, 52.6352



67.8279, 90.1887, 110.2505



89.8320, 90.1887, 164.5214



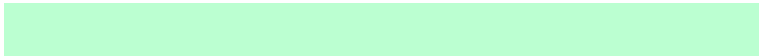
106.5144, 90.1887, 87.0615

Rectangle

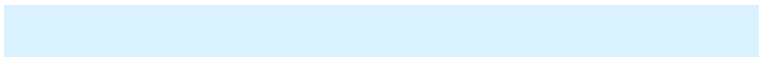
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.7386, 90.1887, 52.6352



69.4802, 90.1887, 73.8760



89.8320, 90.1887, 164.5214



104.3152, 90.1887, 127.3513

Sweetspot

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



81.7408, 90.1928, 52.6371



90.3270, 96.6936, 88.3983



64.6864, 54.5490, 51.6844



19.2009, 20.6010, 18.3521



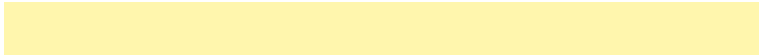
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

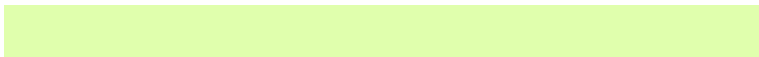
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.7408, 90.1928, 52.6371



79.5812, 88.4021, 44.1220



73.9097, 90.3155, 53.0735



19.3811, 20.7303, 19.1242



35.9749, 39.9611, 5.8172



3.5493, 3.9840, 0.5819

Inverse Universe

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



52.0112, 49.5586, 101.4322



45.3929, 41.6822, 100.2607



58.0152, 50.0069, 101.2023



17.1634, 17.6983, 22.7615



9.6992, 4.3081, 49.7549



0.9942, 0.5191, 4.8611

Previews

White Background



This preview shows how the XYZ color 81.7386, 90.1887, 52.6352 looks on a white background.

Color Contrast Check

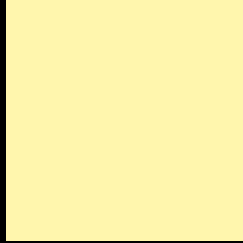
Large Text (above 18pt) WCAG AA × Fail

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 81.7386, 90.1887, 52.6352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

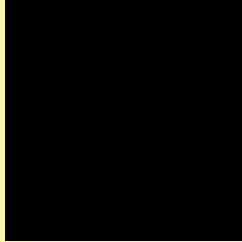
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.7386, 90.1887, 52.6352

Background



This preview shows how black text looks on a background with the XYZ color 81.7386, 90.1887, 52.6352.

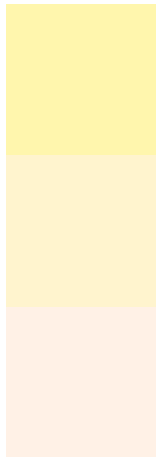


This preview shows how white text looks on a background with the XYZ color 81.7386, 90.1887,

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

81.7386, 90.1887, 52.6352

Protanopia

84.7313, 90.4176, 71.3790

Deuteranopia

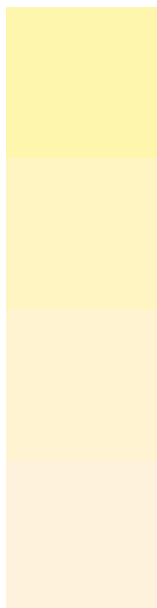
86.9782, 89.8838, 87.6280



Tritanopia

89.2054, 89.8326, 102.2603

Trichromacy



Original Color

81.7386, 90.1887, 52.6352

Protanomaly

83.6300, 90.4599, 64.0917

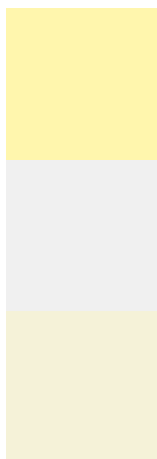
Deuteranomaly

84.7992, 89.9646, 73.2171

Tritanomaly

86.0433, 89.9847, 81.2404

Monochromacy



Original Color

81.7386, 90.1887, 52.6352

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

81.8030, 87.8746, 77.6158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.7386, 90.1887, 52.6352 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 173) }
```

Border

The CSS property to change the border of an element to XYZ 81.7386, 90.1887, 52.6352 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, 173) }
```


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

```
.border{ border-color:rgb(255, 246, 173) }
```

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, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 81.7386, 90.1887, 52.6352 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, 173) }
```

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

```
.background{ background-color: rgb(255,  
246, 173) }
```

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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