

Converting Colors

XYZ(81.1131, 84.2776, 66.7935)

Have a look what the booklet for
XYZ(81.1131, 84.2776, 66.7935)
contains.

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Color

**XYZ(81.0881, 84.2758,
66.6366)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEAC8
RGB	255, 234, 200
RGB Percent	100%, 92%, 78%
CMY	0.0000, 0.0823, 0.2157
CMYK	0.00, 0.08, 0.22, 0.00
HSL	37°, 100%, 89%
HSV	37°, 22%, 100%
XYZ	81.0881, 84.2758, 66.6366
YIQ	236.4030, 23.4300, -6.1220

Conversions

Conversions Part 2

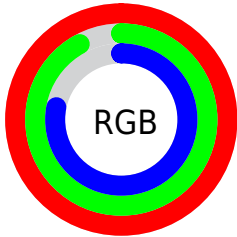
Format	Color
R_{YB}	234, 255, 200
Decimal	16771784
CIE Lab	93.57, 1.93, 19.11
CIE LCh	94, 19.207, 84.230
Yxy	84.2758, 0.3495, 0.3633
Android (android.graphics.Color)	4294961864 (0xFFFFEAC8)
YUV	236.4030, -17.9467, 16.3096
Hunter-Lab	91.8019, -2.9851, 21.2242

Details

The XYZ color **81.0881, 84.2758, 66.6366** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **67.7251, 71.2101, 104.7832**, and the grayscale version is **80.1602, 84.3347, 91.8405**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.3974, 45.9219, 33.7179** is the 20% darker color. If you saturate the color by 10%, you get **75.6580, 77.7936, 51.3294**, and if you desaturate by 10%, it is **87.1717, 91.2688, 84.6158**.

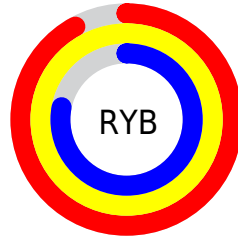
Distribution



Red (100%)

Green (92%)

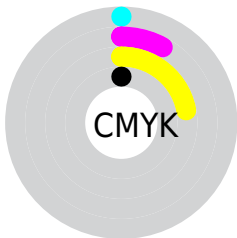
Blue (78%)



Red (92%)

Yellow (100%)

Blue (78%)

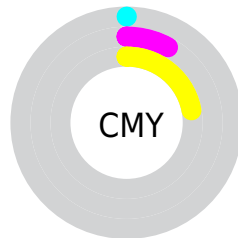


Cyan (0%)

Magenta (8%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.0881, 84.2758, 66.6366 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 81.0881, 84.2758, 66.6366 by changing the saturation by 10% instead.

81.0881, 84.2758,
66.6366

81.0881, 84.2758,
66.6366

487.2731,
509.2286, 467.1164

60.9257, 63.2432,
48.3296

133.8370,
139.3609, 116.0352

44.4175, 46.0380,
33.7261

167.1542,
174.1822, 147.9640

31.1982, 32.2758,
22.4076

205.5870,
214.3685, 185.2704

20.9024, 21.5722,
13.9556

249.5008,
260.3041, 228.3730

13.1647, 13.5429,
7.9514

299.2610,
312.3736, 277.6904

7.6199, 7.8035,
3.9765

355.2329,

3.9024, 3.9694,

370.9612, 333.6410

1.6125

417.7818,
436.4515, 396.6435

■ 1.6471, 1.6565,
0.2997

■ 0.4228, 0.3952,
0.0000

■ 81.0881, 84.2758,
66.6366

■ 81.0881, 84.2758,
66.6366

■ 75.6580, 77.7936,
51.3294

■ 87.1717, 91.2688,
84.6158

■ 70.8482, 71.7964,
38.5585

■ 93.9279, 98.7753,
105.3833

■ 66.6314, 66.2722,
28.1840

■ 95.0500, 100.0000,
108.9000

■ 62.9759, 61.2042,
20.0501

■ 59.8459, 56.5739,
13.9827

■ 57.2010, 52.3609,
9.7814

■ 54.9928, 48.5414,
7.2051

■ 53.4095, 45.5989,
5.9865

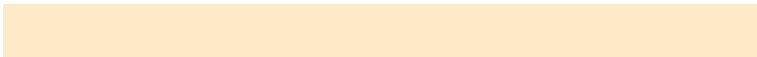
Harmonies

Analogous

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



85.9511, 84.2758, 70.8742



81.0881, 84.2758, 66.6366



76.1573, 84.2758, 68.5319

Triad

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



81.0881, 84.2758, 66.6366



71.5160, 84.2758, 103.7350



88.2957, 84.2758, 109.1140

Complementary

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



81.0881, 84.2758, 66.6366



67.7251, 71.2101, 104.7832

Split Complementary

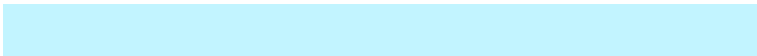
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.1799, 84.2758, 119.7250



81.0881, 84.2758, 66.6366



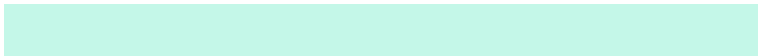
74.5238, 84.2758, 116.3967

Square

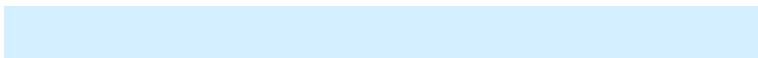
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.0881, 84.2758, 66.6366



70.7662, 84.2758, 88.9770



79.1232, 84.2758, 122.5214



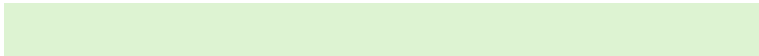
90.2239, 84.2758, 94.6046

Rectangle

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



81.0881, 84.2758, 66.6366



73.4760, 84.2758, 73.1322



79.1232, 84.2758, 122.5214



87.1140, 84.2758, 113.3140

Sweetspot

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



81.0902, 84.2795, 66.6384



90.8487, 95.3836, 95.8273



74.9571, 67.7944, 77.6006



19.3507, 20.3109, 20.2197



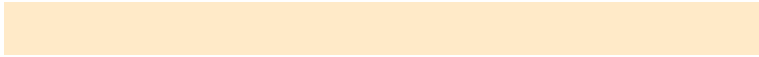
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



81.0902, 84.2795, 66.6384



78.6040, 81.3437, 59.5316



85.1042, 95.7535, 68.6415



18.9447, 19.8576, 18.9787



28.0564, 24.1240, 3.1777



2.8374, 2.5601, 0.3446

Inverse Universe

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



67.7251, 71.2101, 104.7832



63.0104, 66.0975, 104.0448



64.2746, 61.7112, 103.1316



17.5713, 18.5142, 22.8974



11.8142, 8.5381, 50.4599



1.2519, 1.0345, 4.9470

Previews

White Background



This preview shows how the XYZ color 81.0881, 84.2758, 66.6366 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 81.0881, 84.2758, 66.6366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

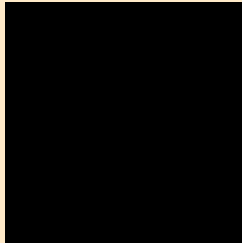
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.0881, 84.2758, 66.6366

Background



This preview shows how black text looks on a background with the XYZ color 81.0881, 84.2758, 66.6366.



This preview shows how white text looks on a background with the XYZ color 81.0881, 84.2758,

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

81.0881, 84.2758, 66.6366

Protanopia

79.6050, 84.3477, 67.3434

Deuteranopia

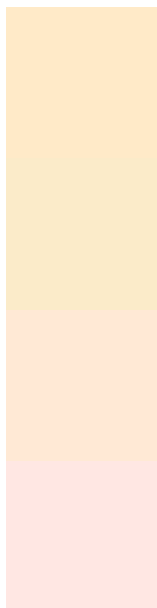
83.0149, 84.1405, 79.5755



Tritanopia

85.7145, 84.3247, 96.5527

Trichromacy



Original Color

81.0881, 84.2758, 66.6366

Protanomaly

80.0346, 84.1429, 67.2813

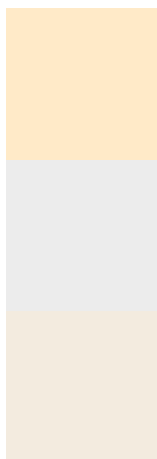
Deuteranomaly

82.3892, 84.3419, 74.8880

Tritanomaly

83.6810, 83.9579, 84.4681

Monochromacy



Original Color

81.0881, 84.2758, 66.6366

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.9898, 83.7991, 81.7710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.0881, 84.2758, 66.6366 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, 234, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 200)  
}
```

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, 234, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 200) }
```

Border

The CSS property to change the border of an element to XYZ 81.0881, 84.2758, 66.6366 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, 234, 200) }
```


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

```
.border{ border-color:rgb(255, 234, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 234, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 81.0881, 84.2758, 66.6366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 234, 200) }
```

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

```
.background{ background-color: rgb(255,  
234, 200) }
```

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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