

Converting Colors

XYZ(81.1498, 85.6786, 62.7127)

Have a look what the booklet for
XYZ(81.1498, 85.6786, 62.7127)
contains.

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Color

**XYZ(81.1498, 85.6786,
62.7127)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEDC1
RGB	255, 237, 193
RGB Percent	100%, 93%, 76%
CMY	0.0000, 0.0706, 0.2431
CMYK	0.00, 0.07, 0.24, 0.00
HSL	43°, 100%, 88%
HSV	43°, 24%, 100%
XYZ	81.1498, 85.6786, 62.7127
YIQ	237.3660, 24.8520, -9.8680

Conversions

Conversions Part 2

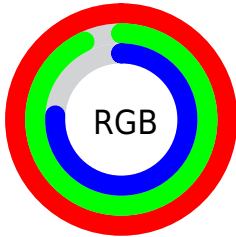
Format	Color
R _Y B	218, 255, 193
Decimal	16772545
CIE Lab	94.17, -0.55, 23.55
CIE LCh	94, 23.560, 91.350
Yxy	85.6786, 0.3535, 0.3733
Android (android.graphics.Color)	4294962625 (0xFFFFEDC1)
YUV	237.3660, -21.8724, 15.4650
Hunter-Lab	92.5627, -5.4937, 24.6240

Details

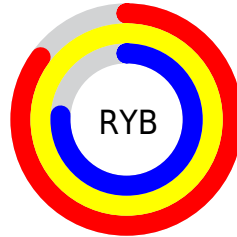
The XYZ color **81.1498, 85.6786, 62.7127** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **63.3361, 65.1442, 103.8437**, and the grayscale version is **80.9300, 85.1447, 92.7226**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **44.4728, 46.9176, 31.1381** is the 20% darker color. If you saturate the color by 10%, you get **76.4487, 80.4429, 48.3008**, and if you desaturate by 10%, it is **86.4341, 91.2950, 79.7408**.

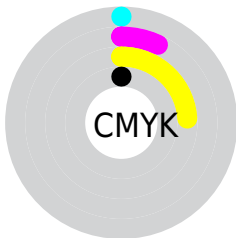
Distribution



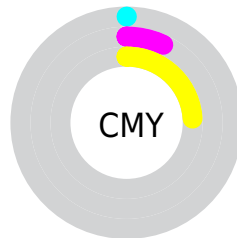
- Red (100%)
- Green (93%)
- Blue (76%)



- Red (85%)
- Yellow (100%)
- Blue (76%)



- Cyan (0%)
- Magenta (7%)
- Yellow (24%)
- Black (0%)



- Cyan (0%)
- Magenta (7%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.1498, 85.6786, 62.7127 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 81.1498, 85.6786, 62.7127 by changing the saturation by 10% instead.

81.1498, 85.6786,
62.7127

81.1498, 85.6786,
62.7127

487.4771,
513.8708, 452.6053

60.9767, 64.4022,
45.1693

133.9231,
141.3209, 110.3365

44.4588, 46.9765,
31.2469

167.2541,
176.4556, 141.2540

31.2308, 33.0171,
20.5269

205.7017,
216.9786, 177.4666

20.9274, 22.1396,
12.5907

249.6313,
263.2742, 219.3928

13.1831, 13.9595,
7.0199

299.4083,
315.7268, 267.4513

7.6326, 8.0925,
3.3959

355.3980,

3.9106, 4.1542,

374.7209, 322.0605

1.3002

417.9658,
440.6407, 383.6390

■ 1.6517, 1.7602,
0.0619

■ 0.4257, 0.4622,
0.0000

■ 81.1498, 85.6786,
62.7127

■ 81.1498, 85.6786,
62.7127

■ 76.4487, 80.4429,
48.3008

■ 86.4341, 91.2950,
79.7408

■ 72.2983, 75.5644,
36.3669

■ 92.3196, 97.2921,
99.5031

■ 68.6722, 71.0336,
26.7680

95.0500, 100.0000,
108.9000

■ 65.5390, 66.8365,
19.3445

■ 62.8635, 62.9570,
13.9163

■ 60.6049, 59.3770,
10.2744

■ 58.7136, 56.0749,
8.1625

■ 57.7621, 54.3042,
7.4374

Harmonies

Analogous

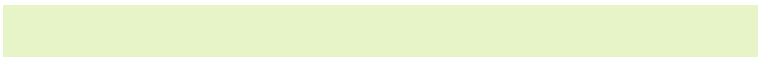
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.3854, 85.6786, 66.0233



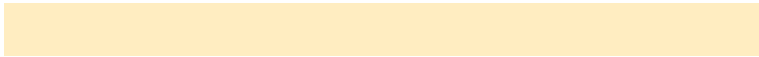
81.1498, 85.6786, 62.7127



75.2907, 85.6786, 66.6747

Triad

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



81.1498, 85.6786, 62.7127



71.5166, 85.6786, 112.5386



92.5409, 85.6786, 110.9415

Complementary

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



81.1498, 85.6786, 62.7127



63.3361, 65.1442, 103.8437

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.



87.9047, 85.6786, 126.1839



81.1498, 85.6786, 62.7127



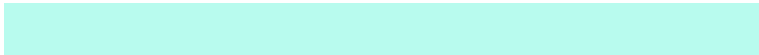
75.7609, 85.6786, 127.1865

Square

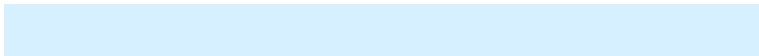
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.1498, 85.6786, 62.7127



69.9091, 85.6786, 94.1094



81.7207, 85.6786, 132.4717



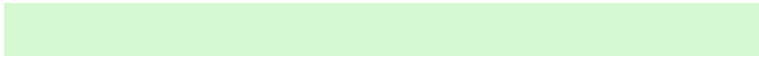
94.1626, 85.6786, 92.4742

Rectangle

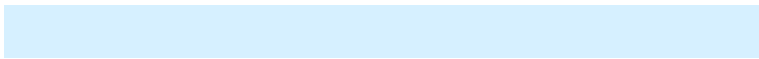
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.1498, 85.6786, 62.7127



72.3314, 85.6786, 73.2459



81.7207, 85.6786, 132.4717



91.2719, 85.6786, 116.6916

Sweetspot

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



81.1519, 85.6824, 62.7145



90.6775, 95.6422, 93.9173



72.1439, 64.1342, 70.6008



19.3311, 20.3929, 19.8396



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

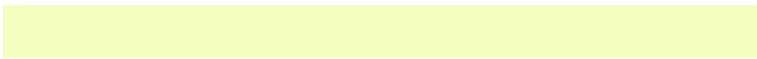
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.1519, 85.6824, 62.7145



78.8769, 83.1809, 55.6412



82.2103, 94.3540, 64.3325



19.0898, 20.1477, 19.0271



30.3169, 28.6450, 3.9312



3.0460, 2.9774, 0.4141

Inverse Universe

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



63.3361, 65.1442, 103.8437



58.3588, 59.5318, 103.0227



62.4082, 58.3972, 102.5903



17.4324, 18.2365, 22.8512



10.8219, 6.5534, 50.1291



1.1428, 0.8164, 4.9106

Previews

White Background



This preview shows how the XYZ color 81.1498, 85.6786, 62.7127 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 81.1498, 85.6786, 62.7127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

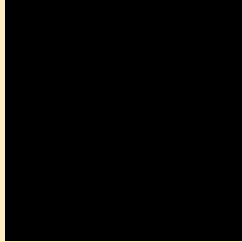
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.1498, 85.6786, 62.7127

Background



This preview shows how black text looks on a background with the XYZ color 81.1498, 85.6786, 62.7127.



This preview shows how white text looks on a background with the XYZ color 81.1498, 85.6786,

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

81.1498, 85.6786, 62.7127

Protanopia

80.7082, 85.8820, 62.7752

Deuteranopia

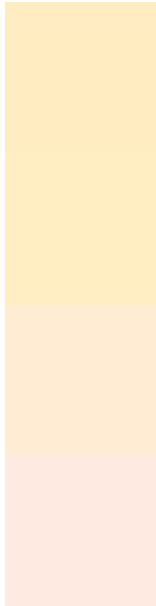
83.9995, 85.8971, 80.5592



Tritanopia

86.5780, 85.5658, 98.3389

Trichromacy



Original Color

81.1498, 85.6786, 62.7127

Protanomaly

81.0732, 86.0702, 62.7923

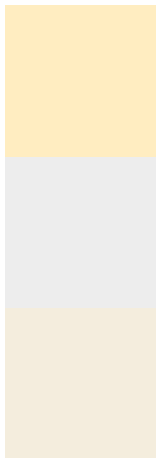
Deuteranomaly

82.9933, 85.9541, 73.8446

Tritanomaly

84.3903, 85.5966, 84.0255

Monochromacy



Original Color

81.1498, 85.6786, 62.7127

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.6436, 85.0219, 80.5671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.1498, 85.6786, 62.7127 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, 237, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 193)  
}
```

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, 237, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 193) }
```

Border

The CSS property to change the border of an element to XYZ 81.1498, 85.6786, 62.7127 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, 237, 193) }
```


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

```
.border{ border-color:rgb(255, 237, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 237, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 81.1498, 85.6786, 62.7127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 193) }
```

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

```
.background{ background-color: rgb(255,  
237, 193) }
```

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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