

Converting Colors

XYZ(87.9623, 95.4106, 76.9856)

Have a look what the booklet for
XYZ(87.9623, 95.4106, 76.9856)
contains.

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Color

**XYZ(88.0606, 95.6849,
76.7785)**

Conversions

Conversions Part 1	
Format	Color
Hex	FFFC D5
RGB	255, 252, 213
RGB Percent	100%, 99%, 84%
CMY	0.0000, 0.0117, 0.1647
CMYK	0.00, 0.01, 0.16, 0.00
HSL	56°, 100%, 92%
HSV	56°, 16%, 100%
XYZ	88.0606, 95.6849, 76.7785
YIQ	248.4510, 14.3070, -11.4930

Conversions

Conversions Part 2

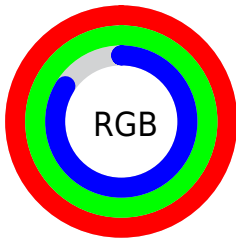
Format	Color
RYB	216, 255, 213
Decimal	16776405
CIELab	98.31, -5.27, 19.07
CIELCh	98, 19.780, 105.440
Yxy	95.6849, 0.3380, 0.3673
Android (android.graphics.Color)	4294966485 (0xFFFFFCD5)
YUV	248.4510, -17.4773, 5.7435
Hunter-Lab	97.8187, -10.4892, 21.9360

Details

The XYZ color 88.0606, 95.6849, 76.7785 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 70.0459, 70.4759, 104.5191, and the grayscale version is 89.7247, 94.3973, 102.7987.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 48.9754, 53.5046, 40.0939 is the 20% darker color. If you saturate the color by 10%, you get 84.5078, 93.3580, 60.8618, and if you desaturate by 10%, it is 92.1325, 98.2346, 95.3814.

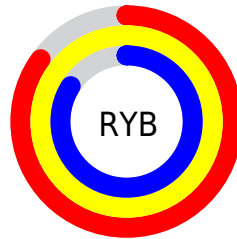
Distribution



Red (100%)

Green (99%)

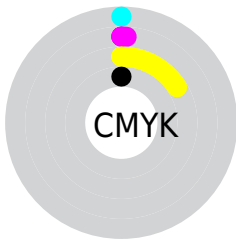
Blue (84%)



Red (85%)

Yellow (100%)

Blue (84%)

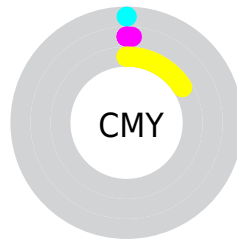


Cyan (0%)

Magenta (1%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (1%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.0606, 95.6849, 76.7785 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 88.0606, 95.6849, 76.7785 by changing the saturation by 10% instead.


 88.0606, 95.6849,
76.7785

 88.0606, 95.6849,
76.7785


510.0341,
546.3553, 503.4261

 66.7042, 72.7052,
56.5606

143.5336,
155.2105, 130.5969

 49.1141, 53.7349,
40.2456


178.3810,
192.5251, 165.0345

 34.9249, 38.3898,
27.4148


218.4560,
235.3868, 205.0492

 23.7713, 26.2853,
17.6498

264.1241,
284.1800, 251.0593

 15.2879, 17.0372,
10.5320

315.7506,
339.2890, 303.4835

 9.1093, 10.2610,
5.6429


373.7009,


 4.8702, 5.5724,


401.0983, 362.7404

2.5639


438.3402,
469.9923, 429.2484


 2.2053, 2.5868,
0.8738


 0.7455, 0.9201,
0.0000

 88.0606, 95.6849,
76.7785


 88.0606, 95.6849,
76.7785


 84.5078, 93.3580,
60.8618


 92.1325, 98.2346,
95.3814


 81.4434, 91.2319,
47.5003


95.0500, 100.0000,
108.9000


 78.8441, 89.3006,
36.5613


 76.6819, 87.5528,
27.8973

 74.9258, 85.9761,
21.3453

 73.5407, 84.5564,
16.7202

 72.4854, 83.2772,
13.8053

 71.7084, 82.1179,
12.3294

 71.4731, 81.7262,
12.0077

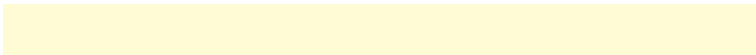
Harmonies

Analogous

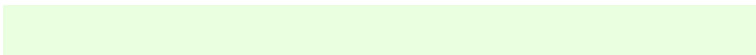
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.7270, 95.6849, 76.6768



88.0606, 95.6849, 76.7785



83.3624, 95.6849, 83.6880

Triad

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



88.0606, 95.6849, 76.7785



83.4747, 95.6849, 128.1721



101.9643, 95.6849, 112.2711

Complementary

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



88.0606, 95.6849, 76.7785



70.0459, 70.4759, 104.5191

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.



98.9753, 95.6849, 127.7812



88.0606, 95.6849, 76.7785



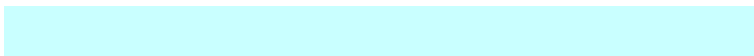
88.2198, 95.6849, 137.5911

Square

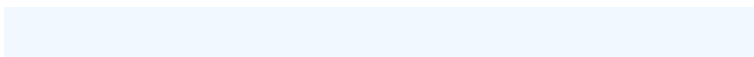
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.0606, 95.6849, 76.7785



80.7910, 95.6849, 112.7612



93.8930, 95.6849, 137.4410



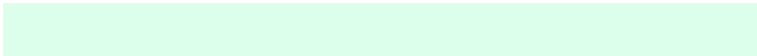
101.9173, 95.6849, 96.0543

Rectangle

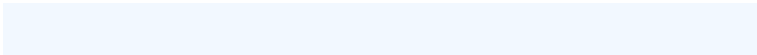
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.0606, 95.6849, 76.7785



81.3427, 95.6849, 91.6826



93.8930, 95.6849, 137.4410



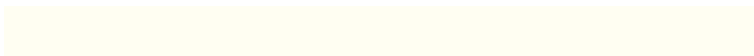
101.2760, 95.6849, 117.7744

Sweetspot

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



88.0629, 95.6890, 76.7805



92.7754, 98.6273, 98.3486



77.4944, 73.8334, 75.4733



19.7916, 21.0700, 20.7454



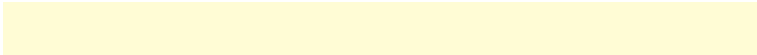
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

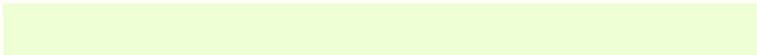
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.0629, 95.6890, 76.7805



86.7503, 94.8421, 70.8609



82.8630, 94.4151, 76.8087



19.4439, 20.8559, 19.1451



37.3932, 42.7977, 6.2899



3.6727, 4.2308, 0.6230

Inverse Universe

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



70.0459, 70.4759, 104.5191



65.4189, 64.9915, 103.7044



74.6390, 71.7155, 104.5163



17.1070, 17.5856, 22.7427



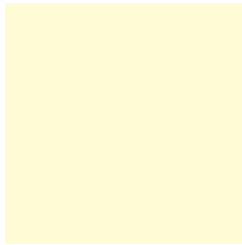
9.5837, 4.0769, 49.7164



0.9676, 0.4660, 4.8522

Previews

White Background



This preview shows how the XYZ color 88.0606, 95.6849, 76.7785 looks on a white background.

Color Contrast Check

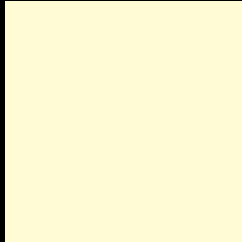
Large Text (above 18pt) WCAG AA × Fail

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 88.0606, 95.6849, 76.7785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

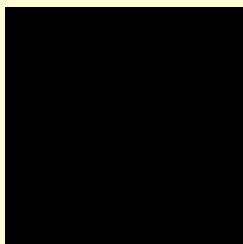
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.0606, 95.6849, 76.7785

Background



This preview shows how black text looks on a background with the XYZ color 88.0606, 95.6849, 76.7785.

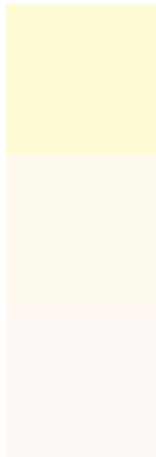


This preview shows how white text looks on a background with the XYZ color 88.0606, 95.6849,

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

88.0606, 95.6849, 76.7785

Protanopia

90.7117, 95.7456, 93.8205

Deuteranopia

91.7502, 95.6652, 100.8182

Tritanopia

92.4905, 95.4256, 108.1520

Trichromacy

	Original Color 88.0606, 95.6849, 76.7785
	Protanomaly 89.7408, 95.8558, 87.1710
	Deuteranomaly 90.2769, 95.5717, 91.5310
	Tritanomaly 90.4769, 95.1135, 96.0282

Monochromacy

	Original Color 88.0606, 95.6849, 76.7785
	Achromatopsia 89.2221, 93.8686, 102.2229
	Achromatomaly 88.6547, 94.2588, 92.1184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.0606, 95.6849, 76.7785 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 213) }
```

Border

The CSS property to change the border of an element to XYZ 88.0606, 95.6849, 76.7785 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, 213) }
```


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

```
.border{ border-color:rgb(255, 252, 213) }
```

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, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 88.0606, 95.6849, 76.7785 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, 213) }
```

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

```
.background{ background-color: rgb(255,  
252, 213) }
```

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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