

Converting Colors

XYZ(240.7921, 174.3579,
87.1345)

Have a look what the booklet for
XYZ(240.7921, 174.3579, 87.1345)
contains.

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Color

**XYZ(88.7053, 95.9428,
80.1732)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFCDA
RGB	255, 252, 218
RGB Percent	100%, 99%, 85%
CMY	0.0000, 0.0117, 0.1451
CMYK	0.00, 0.01, 0.15, 0.00
HSL	55°, 100%, 93%
HSV	55°, 15%, 100%
XYZ	88.7053, 95.9428, 80.1732
YIQ	249.0210, 12.7020, -9.9380

Conversions

Conversions Part 2

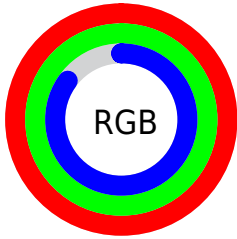
Format	Color
RYB	221, 255, 218
Decimal	16776410
CIELab	98.41, -4.52, 16.66
CIELCh	98, 17.260, 105.187
Yxy	95.9428, 0.3350, 0.3623
Android (android.graphics.Color)	4294966490 (0xFFFFFCDA)
YUV	249.0210, -15.2934, 5.2436
Hunter-Lab	97.9504, -9.7610, 20.0359

Details

The XYZ color **88.7053, 95.9428, 80.1732** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **72.8193, 73.8363, 105.0216**, and the grayscale version is **90.1763, 94.8725, 103.3161**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.4147, 53.6803, 42.4072** is the 20% darker color. If you saturate the color by 10%, you get **84.9781, 93.4239, 63.7151**, and if you desaturate by 10%, it is **92.9575, 98.6893, 99.3416**.

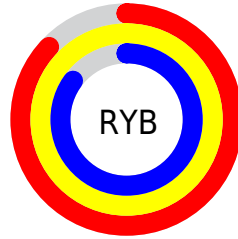
Distribution



Red (100%)

Green (99%)

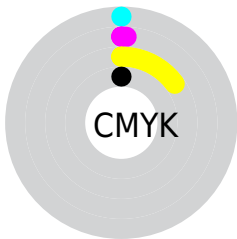
Blue (85%)



Red (87%)

Yellow (100%)

Blue (85%)

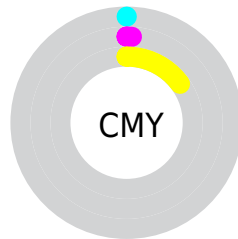


Cyan (0%)

Magenta (1%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (1%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.7053, 95.9428, 80.1732 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 88.7053, 95.9428, 80.1732 by changing the saturation by 10% instead.


 88.7053, 95.9428,
80.1732

 88.7053, 95.9428,
80.1732


512.1111,
547.1789, 515.2385

 67.2401, 72.9199,
59.3339


144.4262,
155.5665, 135.4228

 49.5512, 53.9105,
42.4602


179.4126,
192.9361, 170.6702

 35.2732, 38.5301,
29.1335


219.6367,
235.8567, 211.5573

 24.0409, 26.3944,
18.9354

265.4639,
284.7127, 258.5028

 15.4889, 17.1189,
11.4473

317.2596,
339.8885, 311.9251

 9.2517, 10.3193,
6.2506

375.3892,

 4.9642, 5.6112,

401.7686, 372.2428

2.9268

440.2178,
470.7372, 439.8744

■ 2.2608, 2.6101,
1.0574

■ 0.7745, 0.9318,
0.0000

■ 88.7053, 95.9428,
80.1732

■ 88.7053, 95.9428,
80.1732

■ 84.9781, 93.4239,
63.7151

■ 92.9575, 98.6893,
99.3416

■ 81.7457, 91.1110,
49.8379

95.0500, 100.0000,
108.9000

■ 78.9851, 88.9980,
38.4110

■ 76.6690, 87.0740,
29.2897

■ 74.7668, 85.3266,
22.3143

■ 73.2445, 83.7423,
17.3048

■ 72.0621, 82.3050,
14.0517

■ 71.1710, 80.9951,
12.2980

■ 70.7675, 80.3149,
11.7725

Harmonies

Analogous

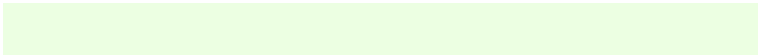
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.6606, 95.9428, 80.1343



88.7053, 95.9428, 80.1732



84.5655, 95.9428, 86.3062

Triad

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



88.7053, 95.9428, 80.1732



84.6076, 95.9428, 125.1513



100.7642, 95.9428, 111.6340

Complementary

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



88.7053, 95.9428, 80.1732



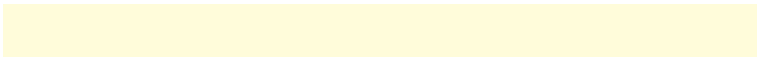
72.8193, 73.8363, 105.0216

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.



98.1534, 95.9428, 125.0083



88.7053, 95.9428, 80.1732



88.7647, 95.9428, 133.2816

Square

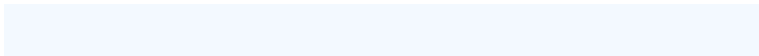
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



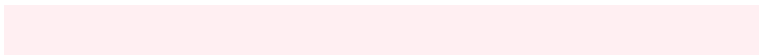
88.7053, 95.9428, 80.1732



82.2589, 95.9428, 111.8151



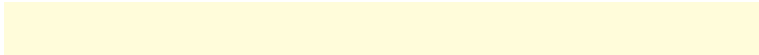
93.7222, 95.9428, 133.2270



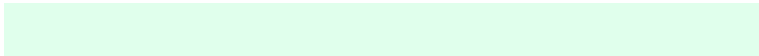
100.7468, 95.9428, 97.4450

Rectangle

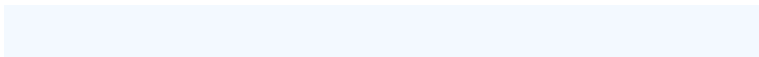
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.7053, 95.9428, 80.1732



82.7730, 95.9428, 93.3752



93.7222, 95.9428, 133.2270



100.1607, 95.9428, 116.4007

Sweetspot

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



88.7076, 95.9469, 80.1752



93.1882, 98.8349, 100.3917



79.3744, 76.6288, 79.0735



19.8732, 21.1087, 21.1563



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

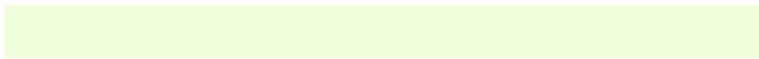
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.7076, 95.9469, 80.1752



87.7308, 95.2982, 75.8266



84.2093, 95.0346, 80.2362



19.4281, 20.8243, 19.1399



37.0301, 42.0715, 6.1689



3.6412, 4.1678, 0.6125

Inverse Universe

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



72.8193, 73.8363, 105.0216



69.4412, 69.8463, 104.4295



76.8628, 74.7579, 104.9864



17.1211, 17.6138, 22.7474



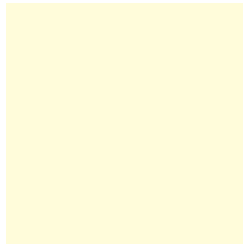
9.6091, 4.1278, 49.7249



0.9743, 0.4793, 4.8544

Previews

White Background



This preview shows how the XYZ color 88.7053, 95.9428, 80.1732 looks on a white background.

Color Contrast Check

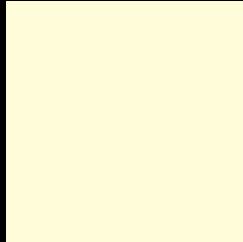
Large Text (above 18pt) WCAG AA × Fail

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 88.7053, 95.9428, 80.1732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

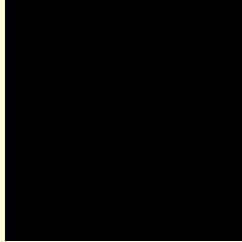
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.7053, 95.9428, 80.1732

Background



This preview shows how black text looks on a background with the XYZ color 88.7053, 95.9428, 80.1732.



This preview shows how white text looks on a background with the XYZ color 88.7053, 95.9428,

80.1732.

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

88.7053, 95.9428, 80.1732

Protanopia

91.0056, 95.8632, 95.3683

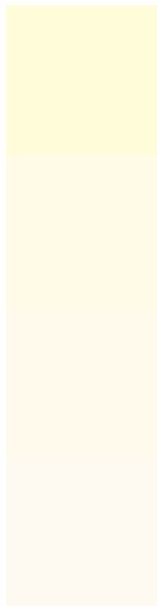
Deuteranopia

91.9042, 95.7268, 101.6289

Tritanopia

92.7987, 96.0422, 108.2547

Trichromacy



Original Color

88.7053, 95.9428, 80.1732

Protanomaly

90.1610, 96.0239, 89.3838

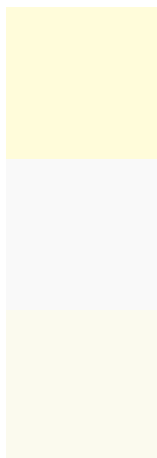
Deuteranomaly

90.5659, 95.6873, 93.0530

Tritanomaly

91.0857, 95.8528, 97.7051

Monochromacy



Original Color

88.7053, 95.9428, 80.1732

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.4019, 95.0535, 94.5241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.7053, 95.9428, 80.1732 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, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 218)  
}
```

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, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 218) }
```

Border

The CSS property to change the border of an element to XYZ 88.7053, 95.9428, 80.1732 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, 218) }
```


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

```
.border{ border-color:rgb(255, 252, 218) }
```

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, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 88.7053, 95.9428, 80.1732 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, 218) }
```

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

```
.background{ background-color: rgb(255,  
252, 218) }
```

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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