

Converting Colors

XYZ(90.9873, 98.3495, 88.6559)

Have a look what the booklet for
XYZ(90.9873, 98.3495, 88.6559)
contains.

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Color

**XYZ(90.7759, 98.2480,
88.3081)**

Conversions

Conversions Part 1

Format	Color
Hex	FEFFE5
RGB	254, 255, 229
RGB Percent	100%, 100%, 90%
CMY	0.0039, 0.0000, 0.1020
CMYK	0.00, 0.00, 0.10, 0.00
HSL	62°, 100%, 95%
HSV	62°, 10%, 100%
XYZ	90.7759, 98.2480, 88.3081
YIQ	251.7370, 7.7500, -8.2980

Conversions

Conversions Part 2

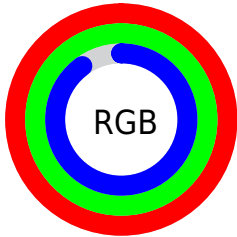
Format	Color
R_{YB}	229, 255, 230
Decimal	16711653
CIE _{Lab}	99.32, -4.67, 12.31
CIE _{LCh}	99, 13.167, 110.762
Yxy	98.2480, 0.3273, 0.3543
Android (android.graphics.Color)	4294901733 (0xFFFEFFFE5)
YUV	251.7370, -11.2093, 1.9847
Hunter-Lab	99.1201, -9.9869, 16.5614

Details

The XYZ color **90.7759, 98.2480, 88.3081** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **78.7033, 80.0828, 105.9172**, and the grayscale version is **92.3929, 97.2045, 105.8557**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **50.8600, 55.3145, 48.0406** is the 20% darker color. If you saturate the color by 10%, you get **87.1152, 96.7424, 70.8957**, and if you desaturate by 10%, it is **94.9629, 99.9643, 108.4779**.

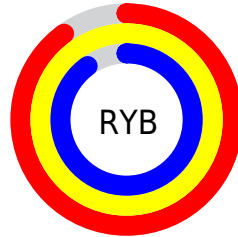
Distribution



Red (100%)

Green (100%)

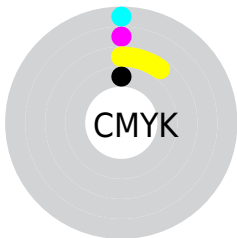
Blue (90%)



Red (90%)

Yellow (100%)

Blue (90%)

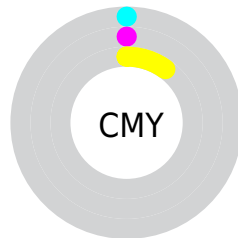


Cyan (0%)

Magenta (0%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (0%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 90.7759, 98.2480, 88.3081 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 90.7759, 98.2480, 88.3081 by changing the saturation by 10% instead.

90.7759, 98.2480,
88.3081

90.7759, 98.2480,
88.3081

518.7520,
554.5117, 542.9391

68.9627, 74.8412,
66.0125

147.2886,
158.7443, 146.9009

50.9579, 55.4828,
47.8260

182.7188,
196.6026, 184.0352

36.3960, 39.7884,
33.3301

223.4187,
240.0469, 226.9528

24.9117, 27.3736,
22.1062

269.7538,
289.4616, 276.0722

16.1397, 17.8540,
13.7359

322.0893,
345.2310, 331.8120

9.7145, 10.8452,
7.8006

380.7906,

5.2709, 5.9629,

407.7395, 394.5907

3.8817

446.2230,
477.3716, 464.8269

■ 2.4435, 2.8225,
1.5607

■ 0.8668, 1.0398,
0.2625

■ 90.7759, 98.2480,
88.3081

■ 90.7759, 98.2480,
88.3081

■ 87.1152, 96.7424,
70.8957

94.9629, 99.9643,
108.4779

■ 83.9560, 95.4376,
56.1169

95.0500, 100.0000,
108.9000

■ 81.2746, 94.3242,
43.8445

■ 79.0445, 93.3915,
33.9396

■ 77.2369, 92.6279,
26.2494

■ 75.8193, 92.0206,
20.6035

■ 74.7546, 91.5547,
16.8065

■ 73.9986, 91.2124,
14.6254

■ 73.4866, 90.9688,
13.6856

Harmonies

Analogous

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



94.5782, 98.2480, 87.3398



90.7759, 98.2480, 88.3081



87.7514, 98.2480, 94.0874

Triad

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



90.7759, 98.2480, 88.3081



88.7660, 98.2480, 124.2945



100.8994, 98.2480, 110.4237

Complementary

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



90.7759, 98.2480, 88.3081



78.7033, 80.0828, 105.9172

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.



99.2480, 98.2480, 120.9896



90.7759, 98.2480, 88.3081



92.1955, 98.2480, 129.3531

Square

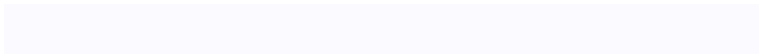
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.7759, 98.2480, 88.3081



86.6134, 98.2480, 114.6872



96.0371, 98.2480, 128.1037



100.4939, 98.2480, 99.6173

Rectangle

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



90.7759, 98.2480, 88.3081



86.5492, 98.2480, 100.1244



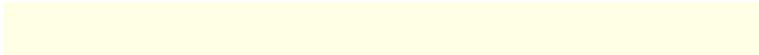
96.0371, 98.2480, 128.1037



100.5648, 98.2480, 114.1320

Sweetspot

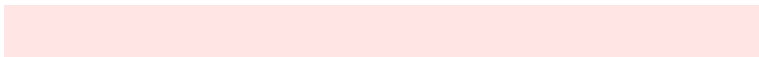
The Sweet Spot groups the original color and five complimentary colors.



90.7766, 98.2483, 88.3095



93.7345, 99.4613, 102.5367



83.6434, 83.4377, 85.8268



19.9896, 21.2587, 21.5923



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.



90.7766, 98.2483, 88.3095



90.0776, 97.9612, 84.9666



86.2246, 95.9017, 88.0965



19.4882, 21.0531, 19.1808



38.4289, 47.5489, 7.1524



3.7623, 4.6403, 0.6974

Inverse Universe

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



78.7033, 80.0828, 105.9172



76.0444, 76.8468, 105.4327



82.9863, 82.2908, 106.1176



17.0675, 17.4110, 22.7111



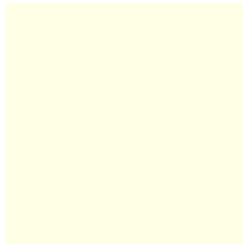
9.5235, 3.8200, 49.6700



0.9490, 0.3831, 4.8372

Previews

White Background



This preview shows how the XYZ color 90.7759, 98.2480, 88.3081 looks on a white background.

Color Contrast Check

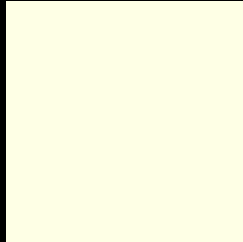
Large Text (above 18pt) WCAG AA × Fail

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 90.7759, 98.2480, 88.3081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

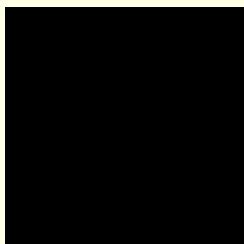
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 90.7759, 98.2480, 88.3081

Background



This preview shows how black text looks on a background with the XYZ color 90.7759, 98.2480, 88.3081.

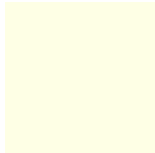


This preview shows how white text looks on a background with the XYZ color 90.7759, 98.2480,

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

90.7759, 98.2480, 88.3081

Protanopia

93.4642, 98.3501, 103.6799

Deuteranopia

93.9360, 98.5388, 106.1644

Tritanopia

94.0483, 98.5414, 108.6713

Trichromacy



Original Color

90.7759, 98.2480, 88.3081



Protanomaly

92.7088, 98.5544, 98.1410

Deuteranomaly

93.0109, 98.6753, 99.7320

Tritanomaly

92.9494, 98.6083, 101.3231

Monochromacy



Original Color

90.7759, 98.2480, 88.3081



Achromatopsia

92.5260, 97.3445, 106.0082



Achromatomaly

91.9624, 97.6649, 99.5922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 90.7759, 98.2480, 88.3081 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(254, 255, 229)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 229)  
}
```

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(254, 255, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 229) }
```

Border

The CSS property to change the border of an element to XYZ 90.7759, 98.2480, 88.3081 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(254, 255, 229) }
```


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

```
.border{ border-color:rgb(254, 255, 229) }
```

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

Here you see how a box with a 4 pixel rgb(254, 255, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 229);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 90.7759, 98.2480, 88.3081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 255, 229) }
```

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

```
.background{ background-color: rgb(254,  
255, 229) }
```

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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