

Converting Colors

XYZ(90.2164, 97.9453, 88.9877)

Have a look what the booklet for
XYZ(90.2164, 97.9453, 88.9877)
contains.

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Color

**XYZ(90.1878, 97.9286,
89.0116)**

Conversions

Conversions Part 1

Format	Color
Hex	FCFFE6
RGB	252, 255, 230
RGB Percent	99%, 100%, 90%
CMY	0.0118, 0.0000, 0.0980
CMYK	0.01, 0.00, 0.10, 0.00
HSL	67°, 100%, 95%
HSV	67°, 10%, 100%
XYZ	90.1878, 97.9286, 89.0116
YIQ	251.2530, 6.2370, -8.4110

Conversions

Conversions Part 2

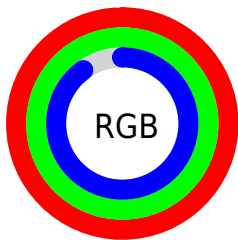
Format	Color
R_{YB}	230, 255, 233
Decimal	16580582
CIE _{Lab}	99.19, -5.19, 11.60
CIE _{LCh}	99, 12.711, 114.116
Yxy	97.9286, 0.3254, 0.3534
Android (android.graphics.Color)	4294770662 (0xFFFCFFE6)
YUV	251.2530, -10.4777, 0.6551
Hunter-Lab	98.9589, -10.4991, 15.9410

Details

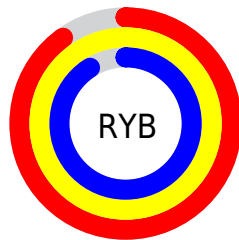
The XYZ color 90.1878, 97.9286, 89.0116 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 79.9519, 81.1385, 106.0551, and the grayscale version is 91.9848, 96.7752, 105.3881.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.3397, 55.0463, 48.0162 is the 20% darker color. If you saturate the color by 10%, you get 85.7657, 96.0329, 71.4587, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

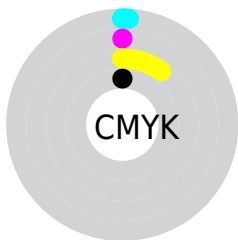
Distribution



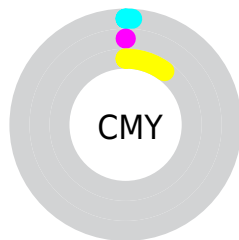
- Red (99%)
- Green (100%)
- Blue (90%)



- Red (90%)
- Yellow (100%)
- Blue (91%)



- Cyan (1%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)




- Cyan (1%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 90.1878, 97.9286, 89.0116 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 90.1878, 97.9286, 89.0116 by changing the saturation by 10% instead.


 90.1878, 97.9286,
89.0116

 90.1878, 97.9286,
89.0116

516.8704,
553.4987, 545.2973

 68.4732, 74.5748,
66.5921


146.4763,
158.3044, 147.8882

 50.5579, 55.2646,
48.2937


181.7808,
196.0953, 185.1823

 36.0765, 39.6137,
33.6979


222.3461,
239.4674, 228.2718

 24.6637, 27.2374,
22.3861

268.5374,
288.8049, 277.5751

 15.9540, 17.7516,
13.9399

320.7201,
344.4925, 333.5107

 9.5823, 10.7718,
7.9406

379.2596,

 5.1830, 5.9136,

406.9143, 396.4973

3.9697

444.5213,
476.4550, 466.9533

■ 2.3909, 2.7926,
1.6087

■ 0.8406, 1.0244,
0.2970

■ 90.1878, 97.9286,
89.0116

■ 90.1878, 97.9286,
89.0116

■ 85.7657, 96.0329,
71.4587

95.0500, 100.0000,
108.9000

■ 81.8619, 94.3464,
56.5449

■ 78.4528, 92.8599,
44.1437

■ 75.5119, 91.5627,
34.1162

■ 73.0102, 90.4433,
26.3105

■ 70.9155, 89.4886,
20.5569

■ 69.1908, 88.6839,
16.6613

■ 67.7921, 88.0116,
14.3923

■ 66.6490, 87.4436,
13.3799

Harmonies

Analogous

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



93.8130, 97.9286, 87.5313



90.1878, 97.9286, 89.0116



87.4056, 97.9286, 95.0719

Triad

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



90.1878, 97.9286, 89.0116



88.9506, 97.9286, 124.0901



100.3718, 97.9286, 108.7402

Complementary

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



90.1878, 97.9286, 89.0116



79.9519, 81.1385, 106.0551

Split Complementary

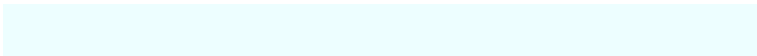
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.9910, 97.9286, 119.0837



90.1878, 97.9286, 89.0116



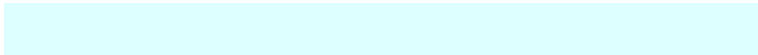
92.3473, 97.9286, 128.3170

Square

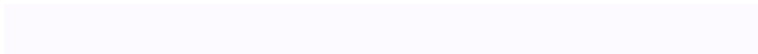
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



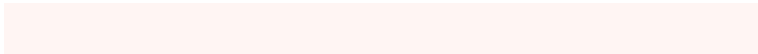
90.1878, 97.9286, 89.0116



86.7047, 97.9286, 115.2133



96.0297, 97.9286, 126.4268



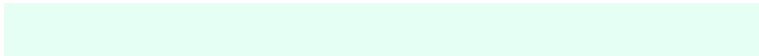
99.7566, 97.9286, 98.4794

Rectangle

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



90.1878, 97.9286, 89.0116



86.3704, 97.9286, 101.1219



96.0297, 97.9286, 126.4268



100.1246, 97.9286, 112.3296

Sweetspot

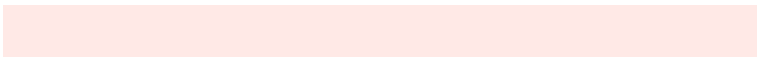
The Sweet Spot groups the original color and five complimentary colors.



90.1885, 97.9289, 89.0131



93.5058, 99.3434, 102.5260



84.6390, 85.2049, 86.8496



19.9276, 21.2267, 21.5894



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.



90.1885, 97.9289, 89.0131



89.1712, 97.4940, 84.9242



85.8375, 95.6859, 88.8094



19.3341, 20.9737, 19.1736



34.8993, 45.7293, 6.9873



3.4559, 4.4824, 0.6830

Inverse Universe

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



79.9519, 81.1385, 106.0551



76.8307, 77.2521, 105.4695



84.1493, 83.3023, 106.2516



17.2054, 17.4821, 22.7175



9.7836, 3.9541, 49.6821



1.0140, 0.4167, 4.8403

Previews

White Background



This preview shows how the XYZ color 90.1878, 97.9286, 89.0116 looks on a white background.

Color Contrast Check

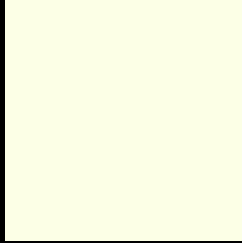
Large Text (above 18pt) WCAG AA × Fail

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 90.1878, 97.9286, 89.0116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

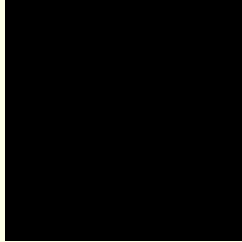
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 90.1878, 97.9286, 89.0116

Background



This preview shows how black text looks on a background with the XYZ color 90.1878, 97.9286, 89.0116.



This preview shows how white text looks on a background with the XYZ color 90.1878, 97.9286,

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

90.1878, 97.9286, 89.0116



Protanopia

92.8389, 97.5962, 101.9405

Deuteranopia

93.4630, 97.8458, 105.2269

Tritanopia

93.3684, 97.7235, 108.5492

Trichromacy



Original Color

90.1878, 97.9286, 89.0116

Protanomaly

91.8755, 97.6723, 97.2294

Deuteranomaly

92.1760, 97.7925, 98.8117

Tritanomaly

92.2678, 97.7870, 101.2005

Monochromacy



Original Color

90.1878, 97.9286, 89.0116



Achromatopsia

91.6934, 96.4686, 105.0543



Achromatomaly

90.7717, 96.6011, 98.6557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 90.1878, 97.9286, 89.0116 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(252, 255, 230)` looks like.

```
.text, #text, p{  
    color:rgb(252, 255, 230)  
}
```

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(252, 255, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 255, 230) }
```

Border

The CSS property to change the border of an element to XYZ 90.1878, 97.9286, 89.0116 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(252, 255, 230) }
```


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

```
.border{ border-color:rgb(252, 255, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 255, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 255, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 255, 230);  
box-shadow:4px 4px 4px 4px rgb(252, 255,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 90.1878, 97.9286, 89.0116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 255, 230) }
```

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

```
.background{ background-color: rgb(252,  
255, 230) }
```

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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