

Converting Colors

XYZ(90.7286, 100.0000,
93.5698)

Have a look what the booklet for
XYZ(90.7286, 100.0000, 93.5698)
contains.

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Color

**XYZ(89.6117, 97.5326,
93.4595)**

Conversions

Conversions Part 1

Format	Color
Hex	F8FFEC
RGB	248, 255, 236
RGB Percent	97%, 100%, 93%
CMY	0.0274, 0.0000, 0.0745
CMYK	0.03, 0.00, 0.07, 0.00
HSL	82°, 100%, 96%
HSV	82°, 7%, 100%
XYZ	89.6117, 97.5326, 93.4595
YIQ	250.7410, 1.9270, -7.3930

Conversions

Conversions Part 2

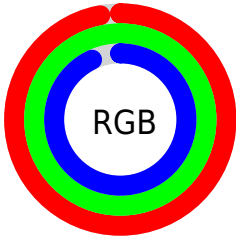
Format	Color
R _Y B	236, 255, 243
Decimal	16318444
CIE Lab	99.04, -5.57, 8.27
CIE LCh	99, 9.972, 123.972
Yxy	97.5326, 0.3194, 0.3476
Android (android.graphics.Color)	4294508524 (0xFFFF8FFEC)
YUV	250.7410, -7.2673, -2.4039
Hunter-Lab	98.7586, -10.8600, 13.0223

Details

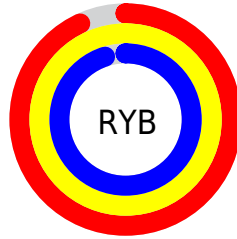
The XYZ color 89.6117, 97.5326, 93.4595 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 85.0084, 86.2668, 106.7785, and the grayscale version is 91.5362, 96.3032, 104.8742.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.1705, 54.8899, 51.1306 is the 20% darker color. If you saturate the color by 10%, you get 82.9197, 94.4806, 75.1674, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

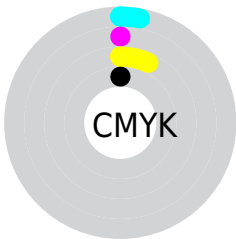
Distribution



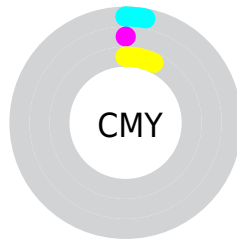
- Red (97%)
- Green (100%)
- Blue (93%)



- Red (93%)
- Yellow (100%)
- Blue (95%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 89.6117, 97.5326, 93.4595 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 89.6117, 97.5326, 93.4595 by changing the saturation by 10% instead.

89.6117, 97.5326,
93.4595

89.6117, 97.5326,
93.4595

515.0237,
552.2414, 560.0792

67.9938, 74.2446,
70.2637

145.6800,
157.7589, 154.1118

50.1664, 54.9943,
51.2634

180.8612,
195.4660, 192.4054

35.7640, 39.3972,
36.0401

221.2941,
238.7483, 236.5687

24.4212, 27.0688,
24.1752

267.3443,
287.9902, 287.0202

15.7728, 17.6249,
15.2503

319.3769,
343.5761, 344.1785

9.4533, 10.6810,
8.8466

377.7575,

5.0975, 5.8528,

405.8903, 408.4621

4.5458

442.8513,
475.3173, 480.2895

■ 2.3399, 2.7558,
1.9293

■ 0.8150, 1.0056,
0.5113

■ 89.6117, 97.5326,
93.4595

■ 89.6117, 97.5326,
93.4595

■ 82.9197, 94.4806,
75.1674

95.0500, 100.0000,
108.9000

■ 76.8984, 91.7160,
59.5500

■ 71.5222, 89.2281,
46.4828

■ 66.7628, 87.0054,
35.8299

■ 62.5894, 85.0353,
27.4424

■ 58.9679, 83.3038,
21.1553

■ 55.8601, 81.7952,
16.7808

■ 53.2210, 80.4914,
14.0980

■ 50.9933, 79.3689,
12.8188

Harmonies

Analogous

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



92.3150, 97.5326, 91.0059



89.6117, 97.5326, 93.4595



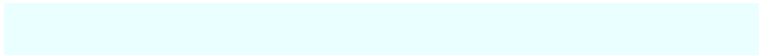
87.7666, 97.5326, 99.3219

Triad

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



89.6117, 97.5326, 93.4595



90.2693, 97.5326, 121.2489



98.3937, 97.5326, 105.0908

Complementary

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



89.6117, 97.5326, 93.4595



85.0084, 86.2668, 106.7785

Split Complementary

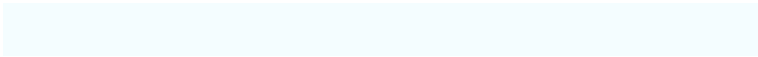
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.8186, 97.5326, 113.3810



89.6117, 97.5326, 93.4595



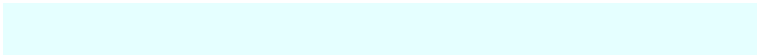
93.0897, 97.5326, 122.9897

Square

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



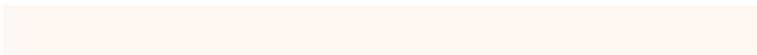
89.6117, 97.5326, 93.4595



88.1407, 97.5326, 115.4002



95.8622, 97.5326, 120.0410



97.4176, 97.5326, 97.4955

Rectangle

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



89.6117, 97.5326, 93.4595



87.2506, 97.5326, 104.5232



95.8622, 97.5326, 120.0410



98.3755, 97.5326, 107.8874

Sweetspot

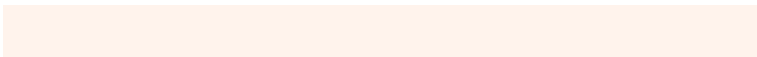
The Sweet Spot groups the original color and five complimentary colors.



89.6124, 97.5329, 93.4610



93.5518, 99.3213, 104.6005



88.4216, 91.3982, 92.3396



20.0397, 21.2660, 22.4338



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

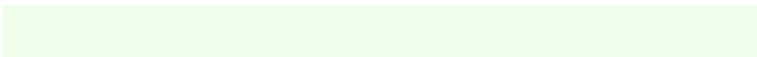
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.6124, 97.5329, 93.4610



88.5302, 97.0406, 90.4458



86.3404, 95.8461, 93.3078



18.8745, 20.7367, 19.1521



26.5419, 41.4209, 6.5961



2.7047, 4.0951, 0.6479

Inverse Universe

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



85.0084, 86.2668, 106.7785



83.0274, 83.5751, 106.3633



88.3602, 87.9947, 106.9353



17.6350, 17.7035, 22.7376



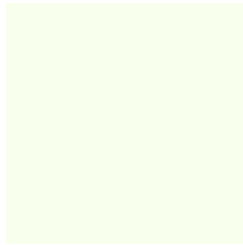
11.9902, 5.0917, 49.7854



1.2829, 0.5553, 4.8528

Previews

White Background



This preview shows how the XYZ color 89.6117, 97.5326, 93.4595 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 89.6117, 97.5326, 93.4595 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 89.6117, 97.5326, 93.4595

Background



This preview shows how black text looks on a background with the XYZ color 89.6117, 97.5326, 93.4595.



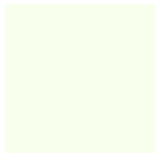
This preview shows how white text looks on a background with the XYZ color 89.6117, 97.5326,

93.495.

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

89.6117, 97.5326, 93.4595



Protanopia

92.6850, 97.5346, 101.1298

Deuteranopia

93.1498, 97.2194, 105.1225

Tritanopia

93.0053, 97.5363, 108.5322

Trichromacy



Original Color

89.6117, 97.5326, 93.4595

Protanomaly

91.2972, 97.3568, 97.9843

Deuteranomaly

91.5898, 96.9701, 101.0786

Tritanomaly

91.8522, 97.5371, 102.7923

Monochromacy



Original Color

89.6117, 97.5326, 93.4595

Achromatopsia

91.6934, 96.4686, 105.0543

Achromatomaly

90.8693, 96.5986, 101.0449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.6117, 97.5326, 93.4595 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(248, 255, 236)` looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 236)  
}
```

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(248, 255, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 236) }
```

Border

The CSS property to change the border of an element to XYZ 89.6117, 97.5326, 93.4595 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(248, 255, 236) }
```


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

```
.border{ border-color:rgb(248, 255, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 255, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 255, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 255, 236); box-shadow:4px 4px 4px 4px rgb(248, 255, 236) }
```

Background

The CSS property to change the background color of an element to XYZ 89.6117, 97.5326, 93.4595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 236) }
```

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

```
.background{ background-color: rgb(248,  
255, 236) }
```

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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