

Converting Colors

XYZ(93.1508, 103.6910,
97.4020)

Have a look what the booklet for
XYZ(93.1508, 103.6910, 97.4020)
contains.

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Color

**XYZ(90.1996, 97.7677,
96.5551)**

Conversions

Conversions Part 1

Format	Color
Hex	F8FFF0
RGB	248, 255, 240
RGB Percent	97%, 100%, 94%
CMY	0.0274, 0.0000, 0.0588
CMYK	0.03, 0.00, 0.06, 0.00
HSL	88°, 100%, 97%
HSV	88°, 6%, 100%
XYZ	90.1996, 97.7677, 96.5551
YIQ	251.1970, 0.6430, -6.1490

Conversions

Conversions Part 2

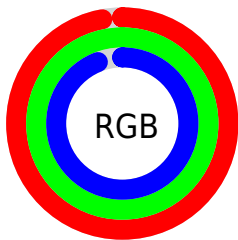
Format	Color
R_{YB}	240, 255, 247
Decimal	16318448
CIE _{Lab}	99.13, -4.90, 6.35
CIE _{LCh}	99, 8.023, 127.644
Yxy	97.7677, 0.3170, 0.3436
Android (android.graphics.Color)	4294508528 (0xFF8FF0)
YUV	251.1970, -5.5201, -2.8038
Hunter-Lab	98.8776, -10.2017, 11.3169

Details

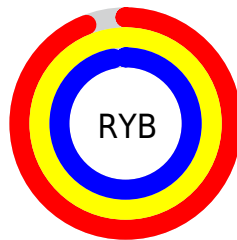
The XYZ color 90.1996, 97.7677, 96.5551 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.5685, 89.3155, 107.2320, and the grayscale version is 91.9017, 96.6878, 105.2930.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.5840, 55.0553, 53.3081 is the 20% darker color. If you saturate the color by 10%, you get 82.5880, 94.2512, 77.7943, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

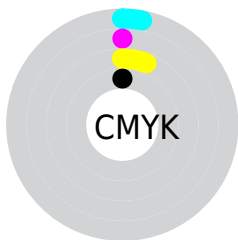
Distribution



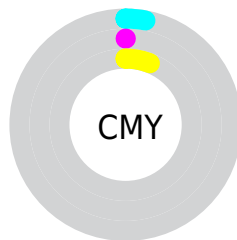
- Red (97%)
- Green (100%)
- Blue (94%)



- Red (94%)
- Yellow (100%)
- Blue (97%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 90.1996, 97.7677, 96.5551 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 90.1996, 97.7677, 96.5551 by changing the saturation by 10% instead.

90.1996, 97.7677,
96.5551

90.1996, 97.7677,
96.5551

516.9081,
552.9880, 570.2426

68.4830, 74.4407,
72.8259

146.4926,
158.0828, 158.4253

50.5659, 55.1548,
53.3427

181.7996,
195.8397, 197.4034

36.0829, 39.5257,
37.6868

222.3676,
239.1753, 242.3016

24.6686, 27.1689,
25.4398

268.5618,
288.4740, 293.5384

15.9578, 17.7001,
16.1830

320.7476,
344.1202, 351.5324

9.5849, 10.7349,
9.4980

379.2904,

5.1848, 5.8889,

406.4984, 416.7020

4.9662

444.5554,
475.9929, 489.4659

■ 2.3919, 2.7776,
2.1690

■ 0.8411, 1.0168,
0.6564

■ 90.1996, 97.7677,
96.5551

■ 90.1996, 97.7677,
96.5551

■ 82.5880, 94.2512,
77.7943

95.0500, 100.0000,
108.9000

■ 75.7493, 91.0741,
61.7318

■ 69.6554, 88.2248,
48.2444

■ 64.2757, 85.6904,
37.1977

■ 59.5770, 83.4570,
28.4449

■ 55.5229, 81.5094,
21.8238

■ 52.0727, 79.8306,
17.1504

■ 49.1798, 78.4014,
14.2101

■ 46.7872, 77.1981,
12.7365

Harmonies

Analogous

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



92.3270, 97.7677, 94.1646



90.1996, 97.7677, 96.5551



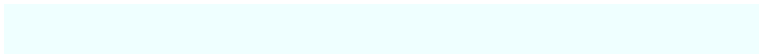
88.8189, 97.7677, 101.6178

Triad

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



90.1996, 97.7677, 96.5551



91.2214, 97.7677, 118.8422



97.4643, 97.7677, 104.7446

Complementary

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



90.1996, 97.7677, 96.5551



87.5685, 89.3155, 107.2320

Split Complementary

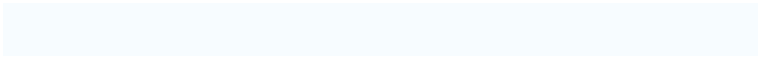
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



97.1563, 97.7677, 111.4380



90.1996, 97.7677, 96.5551



93.5261, 97.7677, 119.7652

Square

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



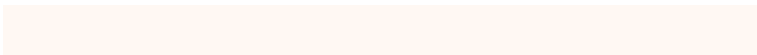
90.1996, 97.7677, 96.5551



89.4019, 97.7677, 114.5323



95.7053, 97.7677, 117.0039



96.5400, 97.7677, 98.7617

Rectangle

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



90.1996, 97.7677, 96.5551



88.4943, 97.7677, 105.9227



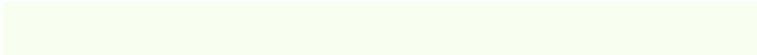
95.7053, 97.7677, 117.0039



97.5017, 97.7677, 106.9839

Sweetspot

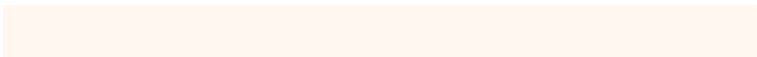
The Sweet Spot groups the original color and five complimentary colors.



90.2004, 97.7681, 96.5566



93.3695, 99.2273, 104.5920



90.1531, 93.9207, 95.8165



20.0026, 21.2468, 22.4321



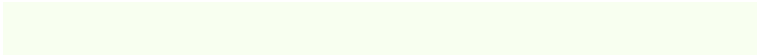
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



90.2004, 97.7681, 96.5566



89.3098, 97.3576, 94.3205



87.6794, 96.4685, 96.4386



19.0140, 20.7915, 19.9333



24.1659, 40.1961, 6.4849



2.4791, 3.9788, 0.6373

Inverse Universe

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



87.5685, 89.3155, 107.2320



86.2012, 87.3740, 106.9293



90.1753, 90.6593, 107.3540



18.2942, 18.4799, 22.8527



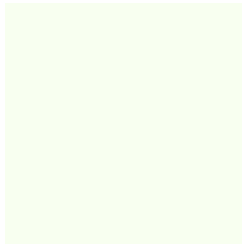
13.5745, 5.9084, 49.8596



1.4464, 0.6396, 4.8605

Previews

White Background



This preview shows how the XYZ color 90.1996, 97.7677, 96.5551 looks on a white background.

Color Contrast Check

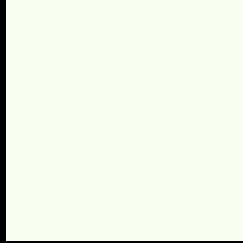
Large Text (above 18pt) WCAG AA × Fail

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 90.1996, 97.7677, 96.5551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

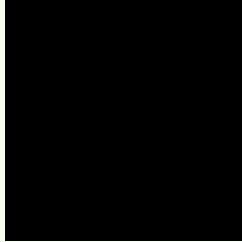
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 90.1996, 97.7677, 96.5551

Background



This preview shows how black text looks on a background with the XYZ color 90.1996, 97.7677, 96.5551.

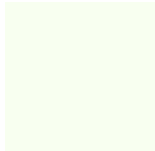


This preview shows how white text looks on a background with the XYZ color 90.1996, 97.7677,

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

90.1996, 97.7677, 96.5551



Protanopia

92.9937, 97.6581, 102.7555

Deuteranopia

93.6211, 97.9091, 106.0594

Tritanopia

93.0053, 97.5363, 108.5322

Trichromacy



Original Color

90.1996, 97.7677, 96.5551

Protanomaly

91.7516, 97.5386, 100.3772

Deuteranomaly

92.2134, 97.7233, 102.8093

Tritanomaly

92.1643, 97.6619, 104.4355

Monochromacy



Original Color

90.1996, 97.7677, 96.5551



Achromatopsia

91.6934, 96.4686, 105.0543

Achromatomaly

91.0232, 96.6602, 101.8555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 90.1996, 97.7677, 96.5551 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, 240) looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 240) }
```

Border

The CSS property to change the border of an element to XYZ 90.1996, 97.7677, 96.5551 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, 240) }
```


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

```
.border{ border-color:rgb(248, 255, 240) }
```

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, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 90.1996, 97.7677, 96.5551 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, 240) }
```

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

```
.background{ background-color: rgb(248,  
255, 240) }
```

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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