

Converting Colors

XYZ(147.3604, 120.5376,
107.4799)

Have a look what the booklet for
XYZ(147.3604, 120.5376, 107.4799)
contains.

XYZ(90.2660, 91.1989, 104.9411)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(90.2660, 91.1989,
104.9411)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF1FC
RGB	255, 241, 252
RGB Percent	100%, 95%, 99%
CMY	0.0000, 0.0549, 0.0118
CMYK	0.00, 0.05, 0.01, 0.00
HSL	313°, 100%, 97%
HSV	313°, 5%, 100%
XYZ	90.2660, 91.1989, 104.9411
YIQ	246.4400, 4.8130, 6.3890

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 241, 252
Decimal	16773628
CIE _{Lab}	96.49, 6.59, -3.61
CIE _{LCh}	96, 7.514, 331.329
Yxy	91.1989, 0.3152, 0.3184
Android (android.graphics.Color)	4294963708 (0xFFFFF1FC)
YUV	246.4400, 2.7411, 7.5071
Hunter-Lab	95.4981, 1.5987, 1.6960

Details

The XYZ color 90.2660, 91.1989, 104.9411 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.3675, 96.7538, 99.6093, and the grayscale version is 87.9312, 92.5105, 100.7439.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.4880, 50.6438, 58.7440 is the 20% darker color. If you saturate the color by 10%, you get 82.3868, 76.8059, 98.1052, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

Distribution



Red (100%)

Green (95%)

Blue (99%)



Red (100%)

Yellow (95%)

Blue (99%)



Cyan (0%)

Magenta (5%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (5%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 90.2660, 91.1989, 104.9411 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 90.2660, 91.1989, 104.9411 by changing the saturation by 10% instead.


 90.2660, 91.1989,
104.9411

 90.2660, 91.1989,
104.9411


517.1208,
531.9232, 597.3022

 68.5383, 68.9754,
79.7936


146.5843,
149.0026, 170.0418

 50.6111, 50.6917,
59.0234


181.9056,
185.3516, 210.8322

 36.1189, 35.9633,
42.2118


222.4888,
227.1780, 257.6740

 24.6966, 24.4059,
28.9404

268.6992,
274.8660, 310.9856

 15.9787, 15.6350,
18.7905

320.9023,
328.8002, 371.1857

 9.5998, 9.2662,
11.3437

379.4634,

 5.1947, 4.9152,

389.3648, 438.6928

6.1815

444.7477,
456.9443, 513.9255

■ 2.3979, 2.1976,
2.8852

■ 0.8440, 0.7187,
1.0363

■ 90.2660, 91.1989,
104.9411

■ 90.2660, 91.1989,
104.9411

■ 82.3868, 76.8059,
98.1052

95.0500, 100.0000,
108.9000

■ 75.5431, 64.4448,
91.7349

■ 69.6900, 54.0259,
85.8157

■ 64.7771, 45.4484,
80.3296

■ 60.7492, 38.6025,
75.2572

■ 57.5454, 33.3665,
70.5771

■ 55.0968, 29.6031,
66.2653

■ 53.3230, 27.1520,
62.2939

■ 52.1247, 25.8148,
58.6286

Harmonies

Analogous

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



88.7942, 91.1989, 109.4888



90.2660, 91.1989, 104.9411



90.7735, 91.1989, 99.0326

Triad

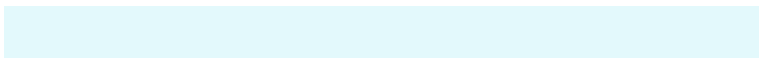
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.2660, 91.1989, 104.9411



86.5884, 91.1989, 88.2027



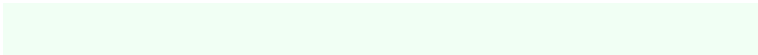
83.2848, 91.1989, 105.4229

Complementary

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



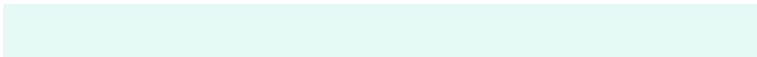
90.2660, 91.1989, 104.9411



88.3675, 96.7538, 99.6093

Split Complementary

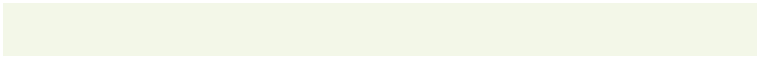
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.7150, 91.1989, 99.5680



90.2660, 91.1989, 104.9411



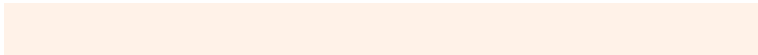
84.6032, 91.1989, 89.7640

Square

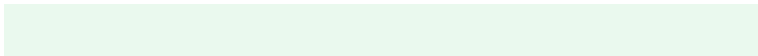
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



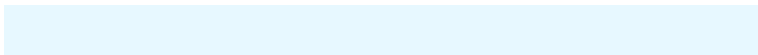
90.2660, 91.1989, 104.9411



88.6297, 91.1989, 89.5139



83.1938, 91.1989, 93.8650



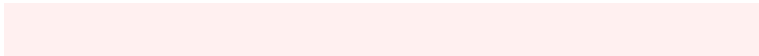
84.7626, 91.1989, 109.7747

Rectangle

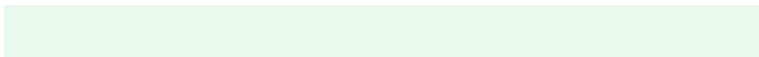
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90.2660, 91.1989, 104.9411



90.4903, 91.1989, 95.1610



83.1938, 91.1989, 93.8650



82.9818, 91.1989, 103.5575

Sweetspot

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



90.2680, 91.2025, 104.9431



93.2691, 96.7189, 107.4409



86.7476, 89.3324, 107.2785



19.9821, 20.7362, 23.0121



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

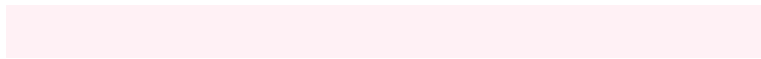
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.2680, 91.2025, 104.9431



89.0079, 88.8914, 103.8784



89.2097, 90.7792, 99.3700



18.9452, 18.8318, 22.1439



27.0758, 13.3196, 30.1134



2.6758, 1.3127, 3.1403

Inverse Universe

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



90.2680, 91.2025, 104.9431



89.0079, 88.8914, 103.8784



89.4190, 97.1744, 105.1467



18.9452, 18.8318, 22.1439



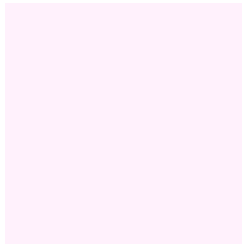
27.0758, 13.3196, 30.1134



2.6758, 1.3127, 3.1403

Previews

White Background



This preview shows how the XYZ color 90.2660, 91.1989, 104.9411 looks on a white background.

Color Contrast Check

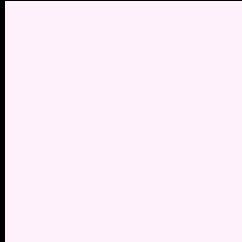
Large Text (above 18pt) WCAG AA × Fail

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 90.2660, 91.1989, 104.9411 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 90.2660, 91.1989, 104.9411

Background



This preview shows how black text looks on a background with the XYZ color 90.2660, 91.1989, 104.9411.



This preview shows how white text looks on a background with the XYZ color 90.2660, 91.1989,

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

90.2660, 91.1989, 104.9411

Protanopia

88.5978, 91.6313, 106.7829

Deuteranopia

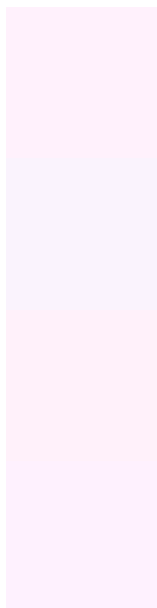
89.7942, 91.0101, 102.4566



Tritanopia

90.0133, 91.0132, 107.4308

Trichromacy



Original Color

90.2660, 91.1989, 104.9411

Protanomaly

89.2046, 91.5170, 105.8915

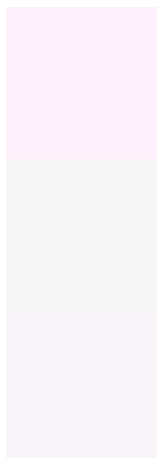
Deuteranomaly

89.9506, 91.0727, 103.2804

Tritanomaly

90.2177, 91.1372, 106.6022

Monochromacy



Original Color

90.2660, 91.1989, 104.9411

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

88.3609, 91.6184, 101.8339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 90.2660, 91.1989, 104.9411 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, 241, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 252)  
}
```

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, 241, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 252) }
```

Border

The CSS property to change the border of an element to XYZ 90.2660, 91.1989, 104.9411 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, 241, 252) }
```


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

```
.border{ border-color:rgb(255, 241, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 241, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 90.2660, 91.1989, 104.9411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 252) }
```

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

```
.background{ background-color: rgb(255,  
241, 252) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor