

Converting Colors

XYZ(110.2272, 100.0000,
210.3698)

Have a look what the booklet for
XYZ(110.2272, 100.0000, 210.3698)
contains.

XYZ(90.6086, 92.2038, 107.6293) 3
***Conversions* 4**
***Details* 6**
***Harmonies* 12**
***Previews* 24**
***Color Blindness Simulation* 28**
***CSS Examples* 31**

Color

**XYZ(90.6086, 92.2038,
107.6293)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF3FF
RGB	253, 243, 255
RGB Percent	99%, 95%, 100%
CMY	0.0078, 0.0470, 0.0000
CMYK	0.01, 0.05, 0.00, 0.00
HSL	290°, 100%, 98%
HSV	290°, 5%, 100%
XYZ	90.6086, 92.2038, 107.6293
YIQ	247.3580, 2.1080, 5.8520

Conversions

Conversions Part 2

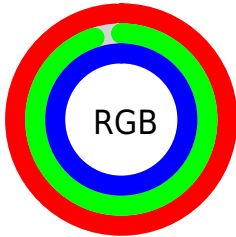
Format	Color
R_{YB}	253, 243, 255
Decimal	16643071
CIE _{Lab}	96.90, 5.44, -4.57
CIE _{LCh}	97, 7.103, 319.977
Yxy	92.2038, 0.3120, 0.3175
Android (android.graphics.Color)	4294833151 (0xFFFFDF3FF)
YUV	247.3580, 3.7675, 4.9480
Hunter-Lab	96.0228, 0.3954, 0.7595

Details

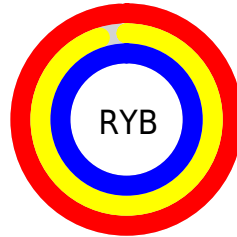
The XYZ color 90.6086, 92.2038, 107.6293 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.5962, 97.4046, 98.8774, and the grayscale version is 88.6706, 93.2884, 101.5910.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.7283, 51.3536, 60.6647 is the 20% darker color. If you saturate the color by 10%, you get 81.9725, 77.2013, 105.1887, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

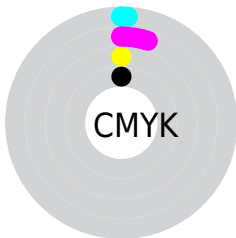
Distribution



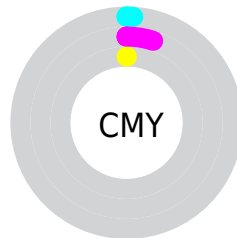
- Red (99%)
- Green (95%)
- Blue (100%)



- Red (99%)
- Yellow (95%)
- Blue (100%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 90.6086, 92.2038, 107.6293 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 90.6086, 92.2038, 107.6293 by changing the saturation by 10% instead.

 90.6086, 92.2038,
107.6293

 90.6086, 92.2038,
107.6293


518.2170,
535.1740, 605.8400

 68.8235, 69.8099,
82.0349


147.0575,
150.3958, 173.7457

 50.8441, 51.3716,
60.8583


182.4520,
186.9627, 215.1048

 36.3051, 36.5044,
43.6810

223.1137,
229.0228, 262.5559

 24.8411, 24.8240,
30.0845

269.4079,
276.9604, 316.5175

 16.0868, 15.9460,
19.6501

321.7000,
331.1599, 377.4082

 9.6768, 9.4859,
11.9594

380.3553,

 5.2458, 5.0595,

392.0057, 445.6465

6.5938

445.7392,
459.8823, 521.6509

■ 2.4284, 2.2822,
3.1349

■ 0.8593, 0.7643,
1.1639

■ 90.6086, 92.2038,
107.6293

■ 90.6086, 92.2038,
107.6293

■ 81.9725, 77.2013,
105.1887

95.0500, 100.0000,
108.9000

■ 74.3846, 64.2454,
103.0878

■ 67.8007, 53.2469,
101.3119

■ 62.1705, 44.1057,
99.8443

■ 57.4393, 36.7128,
98.6666

■ 53.5467, 30.9475,
97.7590

■ 50.4245, 26.6739,
97.0986

■ 47.9935, 23.7337,
96.6593

■ 46.1562, 21.9326,
96.4085

Harmonies

Analogous

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



88.9545, 92.2038, 111.0816



90.6086, 92.2038, 107.6293



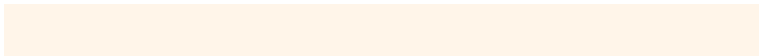
91.4704, 92.2038, 102.3193

Triad

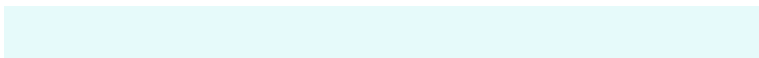
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.6086, 92.2038, 107.6293



88.3066, 92.2038, 89.9559



84.0796, 92.2038, 104.1959

Complementary

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



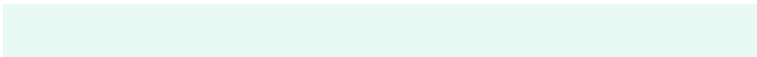
90.6086, 92.2038, 107.6293



89.5962, 97.4046, 98.8774

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.



83.9121, 92.2038, 98.4935



90.6086, 92.2038, 107.6293



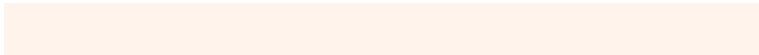
86.3324, 92.2038, 90.4154

Square

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



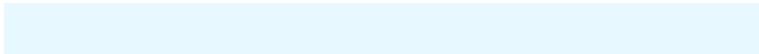
90.6086, 92.2038, 107.6293



90.1281, 92.2038, 92.2111



84.7310, 92.2038, 93.4910



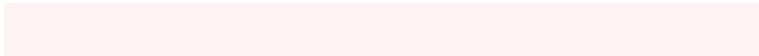
85.1921, 92.2038, 109.0478

Rectangle

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



90.6086, 92.2038, 107.6293



91.4710, 92.2038, 98.5023



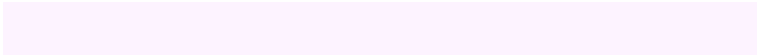
84.7310, 92.2038, 93.4910



83.9115, 92.2038, 102.3103

Sweetspot

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



90.6110, 92.2077, 107.6299



94.0858, 98.3033, 108.6233



87.6681, 91.5835, 107.6645



20.1484, 21.0588, 23.2528



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.



90.6110, 92.2077, 107.6299



89.4302, 90.1434, 107.2937



90.7052, 92.3298, 104.3092



19.0159, 19.0747, 22.9295



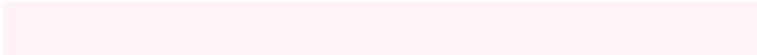
23.8065, 11.1832, 50.3384



2.3933, 1.1277, 4.9048

Inverse Universe

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



89.7744, 91.9575, 99.4075



88.3763, 89.8295, 96.8815



89.5133, 97.2914, 102.0601



18.7673, 19.0008, 20.4674



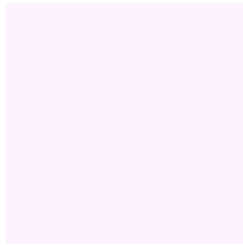
21.8076, 11.2123, 2.3716



2.1564, 1.1049, 0.4048

Previews

White Background



This preview shows how the XYZ color 90.6086, 92.2038, 107.6293 looks on a white background.

Color Contrast Check

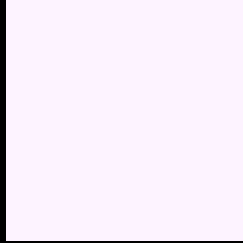
Large Text (above 18pt) WCAG AA × Fail

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 90.6086, 92.2038, 107.6293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

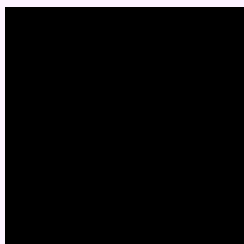
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 90.6086, 92.2038, 107.6293

Background



This preview shows how black text looks on a background with the XYZ color 90.6086, 92.2038, 107.6293.



This preview shows how white text looks on a background with the XYZ color 90.6086, 92.2038,

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

90.6086, 92.2038, 107.6293

Protanopia

89.0602, 92.2990, 107.7292

Deuteranopia

90.7032, 92.3262, 104.3070



Tritanopia

90.1843, 92.4306, 107.6954

Trichromacy



Original Color

90.6086, 92.2038, 107.6293

Protanomaly

89.4676, 92.0611, 107.6619

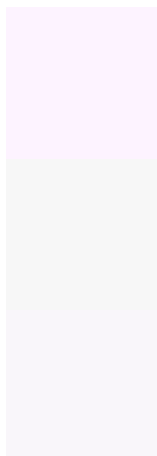
Deuteranomaly

90.4943, 92.2003, 105.1223

Tritanomaly

90.5456, 92.6168, 107.7123

Monochromacy



Original Color

90.6086, 92.2038, 107.6293

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

89.2780, 92.9534, 103.6788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 90.6086, 92.2038, 107.6293 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(253, 243, 255) looks like.

```
.text, #text, p{  
    color:rgb(253, 243, 255)  
}
```

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(253, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 243, 255) }
```

Border

The CSS property to change the border of an element to XYZ 90.6086, 92.2038, 107.6293 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(253, 243, 255) }
```


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

```
.border{ border-color:rgb(253, 243, 255) }
```

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

Here you see how a box with a 4 pixel rgb(253, 243, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 243,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 90.6086, 92.2038, 107.6293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 243, 255) }
```

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

```
.background{ background-color: rgb(253,  
243, 255) }
```

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