

# Converting Colors

XYZ(91.1254, 95.9025,  
108.3159)

Have a look what the booklet for  
XYZ(91.1254, 95.9025, 108.3159)  
contains.

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# **Color**

**XYZ(91.2586, 96.1708,  
108.3607)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8FBFF
RGB	248, 251, 255
RGB Percent	97%, 98%, 100%
CMY	0.0274, 0.0157, 0.0000
CMYK	0.03, 0.02, 0.00, 0.00
HSL	214°, 100%, 99%
HSV	214°, 3%, 100%
XYZ	91.2586, 96.1708, 108.3607
YIQ	250.5590, -3.0720, 0.6080

# Conversions

## Conversions Part 2

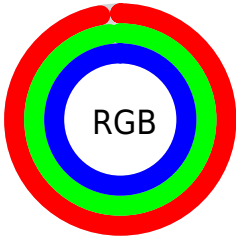
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	248, 250, 255
Decimal	16317439
CIE Lab	98.50, -0.27, -2.27
CIE LCh	99, 2.282, 263.253
Yxy	96.1708, 0.3085, 0.3251
Android (android.graphics.Color)	4294507519 (0xFFFBFF)
YUV	250.5590, 2.1894, -2.2442
Hunter-Lab	98.0667, -5.5088, 3.1331

# Details

The XYZ color 91.2586, 96.1708, 108.3607 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.9928, 97.6558, 102.7567, and the grayscale version is 91.3152, 96.0707, 104.6210.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 51.4464, 54.3139, 61.1982 is the 20% darker color. If you saturate the color by 10%, you get 78.4538, 83.0802, 106.5089, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

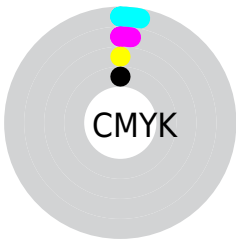
# Distribution



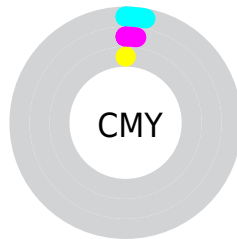
- Red (97%)
- Green (98%)
- Blue (100%)



- Red (97%)
- Yellow (98%)
- Blue (100%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 91.2586, 96.1708, 108.3607 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 91.2586, 96.1708, 108.3607 by changing the saturation by 10% instead.



91.2586, 96.1708,  
108.3607

91.2586, 96.1708,  
108.3607

520.2936,  
547.9064, 608.1522

69.3647, 73.1098,  
82.6453

147.9549,  
155.8811, 174.7519

51.2865, 54.0658,  
61.3587

183.4880,  
193.2992, 216.2648

36.6586, 38.6542,  
44.0823

224.2983,  
236.2719, 263.8806

25.1158, 26.4909,  
30.3975

270.7510,  
285.1834, 318.0178

16.2925, 17.1912,  
19.8859

323.2115,  
340.4182, 379.0951

9.8235, 10.3709,  
12.1289

382.0452,

5.3435, 5.6456,

402.3607, 447.5308

6.7079

447.6175,  
471.3953, 523.7437

■ 2.4870, 2.6308,  
3.2044

■ 0.8887, 0.9422,  
1.2000

■ 91.2586, 96.1708,  
108.3607

■ 91.2586, 96.1708,  
108.3607

■ 78.4538, 83.0802,  
106.5089

95.0500, 100.0000,  
108.9000

■ 67.1705, 71.2786,  
104.8256

■ 57.3502, 60.7265,  
103.3064

■ 48.9277, 51.3778,  
101.9459

■ 41.8326, 43.1833,  
100.7381

■ 35.9878, 36.0896,  
99.6770

■ 31.3074, 30.0384,  
98.7557

■ 27.6931, 24.9642,  
97.9667

■ 25.0275, 20.7906,  
97.3016

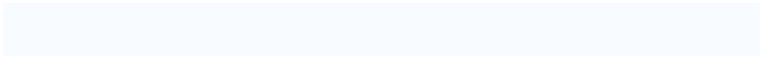
# Harmonies

## Analogous

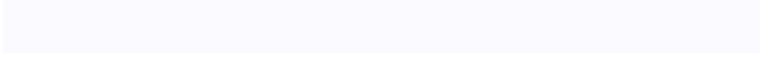
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.6511, 96.1708, 107.6499



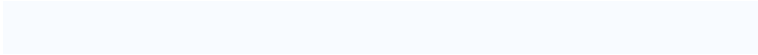
91.2586, 96.1708, 108.3607



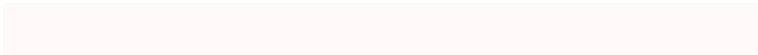
91.9089, 96.1708, 108.0849

# Triad

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



91.2586, 96.1708, 108.3607



92.5772, 96.1708, 103.2868



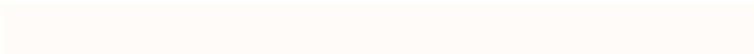
90.3954, 96.1708, 102.5565

# Complementary

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



91.2586, 96.1708, 108.3607



92.9928, 97.6558, 102.7567

# 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.



90.9079, 96.1708, 101.4132



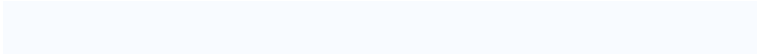
91.2586, 96.1708, 108.3607



92.1680, 96.1708, 101.8313

# Square

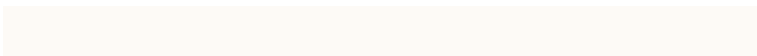
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.2586, 96.1708, 108.3607



92.6722, 96.1708, 105.1408



91.5565, 96.1708, 101.1494



90.1543, 96.1708, 104.2877

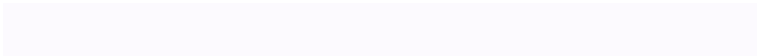


# Rectangle

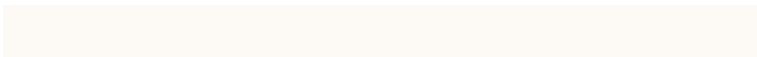
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.2586, 96.1708, 108.3607



92.2789, 96.1708, 107.3803



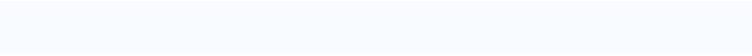
91.5565, 96.1708, 101.1494



90.5415, 96.1708, 102.0915

# Sweetspot

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



91.2611, 96.1748, 108.3614



93.6555, 98.5945, 108.7022



92.0376, 98.5030, 106.2305



20.0608, 21.1181, 23.2688



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.



91.2611, 96.1748, 108.3614



90.9142, 95.8236, 108.3119



90.4957, 94.3982, 108.0588



19.2280, 20.2756, 23.1501



12.4558, 9.8212, 50.6738



1.3187, 1.1680, 4.9692



# Inverse Universe

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



92.2215, 95.3614, 104.8176



91.9628, 94.9378, 104.4422



93.7721, 99.4691, 103.0656



19.5113, 20.0382, 22.1041



23.0753, 11.7194, 9.0471



2.3002, 1.1625, 1.1623



# Previews

## White Background



This preview shows how the XYZ color 91.2586, 96.1708, 108.3607 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

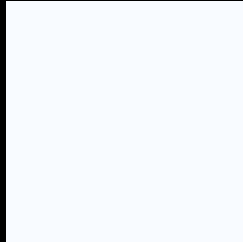
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 91.2586, 96.1708, 108.3607 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

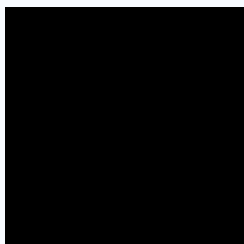
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

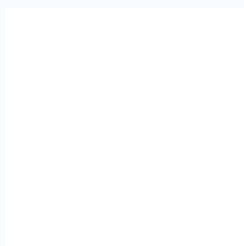
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 91.2586, 96.1708, 108.3607

## Background



This preview shows how black text looks on a background with the XYZ color 91.2586, 96.1708, 108.3607.



This preview shows how white text looks on a background with the XYZ color 91.2586, 96.1708, 108.3607.



# 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**

91.2586, 96.1708, 108.3607

**Protanopia**

92.6381, 95.9780, 107.4090

**Deuteranopia**

92.6864, 96.0396, 105.7479

## **Tritanopia**

92.0193, 96.1004, 108.3070

# Trichromacy

## Original Color

91.2586, 96.1708, 108.3607

## Protanomaly

92.2199, 96.2224, 107.4782

## Deuteranomaly

92.0601, 96.1585, 106.6369

## Tritanomaly

91.6599, 95.9152, 108.2902

# Monochromacy

## Original Color

91.2586, 96.1708, 108.3607

## Achromatopsia

91.6934, 96.4686, 105.0543

## Achromatomaly

91.4922, 96.3466, 105.8701

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 91.2586, 96.1708, 108.3607 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, 251, 255) looks like.

```
.text, #text, p{  
    color:rgb(248, 251, 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(248, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 251, 255) }
```

## Border

The CSS property to change the border of an element to XYZ 91.2586, 96.1708, 108.3607 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, 251, 255) }
```



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

```
.border{ border-color:rgb(248, 251, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 251,  
255) }
```

# Background

The CSS property to change the background color of an element to XYZ 91.2586, 96.1708, 108.3607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 251, 255) }
```

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

```
.background{ background-color: rgb(248,  
251, 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](#).

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