

Converting Colors

XYZ(85.8523, 89.8851,
101.9199)

Have a look what the booklet for
XYZ(85.8523, 89.8851, 101.9199)
contains.

XYZ(85.9560, 89.9332, 101.6354)	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(85.9560, 89.9332,
101.6354)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F3F8
RGB	243, 243, 248
RGB Percent	95%, 95%, 97%
CMY	0.0471, 0.0470, 0.0274
CMYK	0.02, 0.02, 0.00, 0.03
HSL	240°, 26%, 96%
HSV	240°, 2%, 97%
XYZ	85.9560, 89.9332, 101.6354
YIQ	243.5700, -1.6050, 1.5550

Conversions

Conversions Part 2

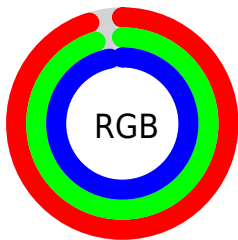
Format	Color
R _Y B	243, 243, 248
Decimal	15987704
CIE Lab	95.97, 0.90, -2.41
CIE LCh	96, 2.571, 290.403
Yxy	89.9332, 0.3097, 0.3241
Android (android.graphics.Color)	4294177784 (0xFFFF3F3F8)
YUV	243.5700, 2.1840, -0.4999
Hunter-Lab	94.8331, -4.1669, 2.8404

Details

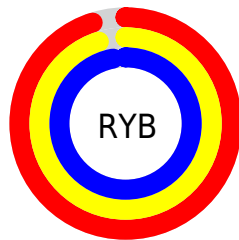
The XYZ color **85.9560, 89.9332, 101.6354** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.4565, 93.5612, 98.1923**, and the grayscale version is **85.6318, 90.0914, 98.1095**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.7783, 49.9112, 56.9848** is the 20% darker color. If you saturate the color by 10%, you get **71.0474, 71.9743, 98.9561**, and if you desaturate by 10%, it is **93.9435, 99.5574, 103.0734**.

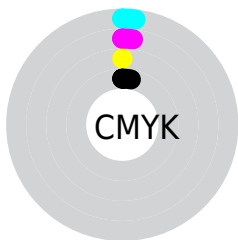
Distribution



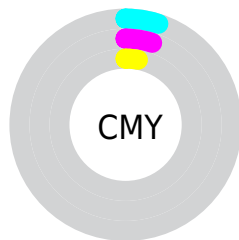
- Red (95%)
- Green (95%)
- Blue (97%)



- Red (95%)
- Yellow (95%)
- Blue (97%)



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



- Cyan (5%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.9560, 89.9332, 101.6354 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 85.9560, 89.9332, 101.6354 by changing the saturation by 10% instead.

85.9560, 89.9332,
101.6354

85.9560, 89.9332,
101.6354

503.2223,
527.8135, 586.7147

64.9567, 67.9252,
77.0426

140.6152,
147.2456, 165.4742

47.6906, 49.8369,
56.7760

175.0059,
183.3188, 205.5573

33.7921, 35.2838,
40.4173

214.5911,
224.8493, 251.6408

22.8961, 23.8816,
27.5478

259.7362,
272.2213, 304.1434

14.6371, 15.2458,
17.7490

310.8065,
325.8194, 363.4835

8.6497, 8.9921,
10.6024

368.1673,

4.5687, 4.7360,

386.0278, 430.0797

5.6893

432.1842,
453.2311, 504.3506

■ 2.0286, 2.0932,
2.5914

■ 0.6500, 0.6608,
0.8880

■ 85.9560, 89.9332,
101.6354

■ 85.9560, 89.9332,
101.6354

■ 71.0474, 71.9743,
98.9561

■ 93.9435, 99.5574,
103.0734

■ 58.2073, 56.5056,
96.6471

■ 47.3465, 43.4208,
94.6939

■ 38.3667, 32.6015,
93.0789

■ 31.1612, 23.9190,
91.7827

■ 25.6123, 17.2319,
90.7844

■ 21.5884, 12.3816,
90.0603

■ 18.9379, 9.1856,
89.5831

■ 17.4780, 7.4241,
89.3201

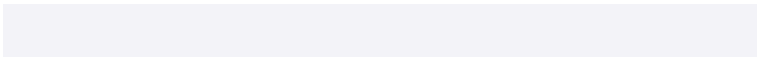
Harmonies

Analogous

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



85.2512, 89.9332, 101.8310



85.9560, 89.9332, 101.6354



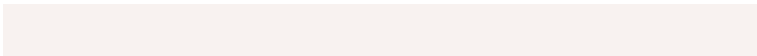
86.5359, 89.9332, 100.4373

Triad

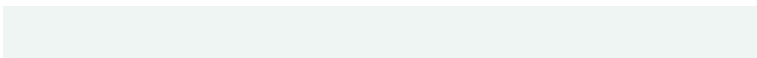
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.9560, 89.9332, 101.6354



86.3526, 89.9332, 94.9377



84.1387, 89.9332, 97.2710

Complementary

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



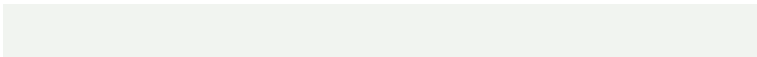
85.9560, 89.9332, 101.6354



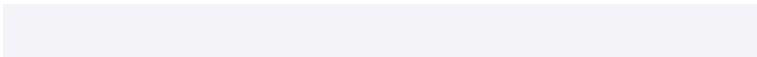
88.4565, 93.5612, 98.1923

Split Complementary

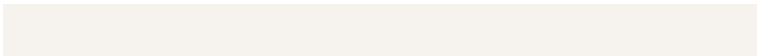
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.4303, 89.9332, 95.4490



85.9560, 89.9332, 101.6354



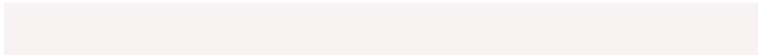
85.7068, 89.9332, 94.1143

Square

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



85.9560, 89.9332, 101.6354



86.7658, 89.9332, 96.5642



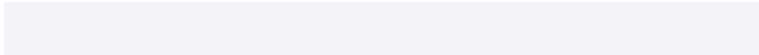
85.0034, 89.9332, 94.3001



84.2046, 89.9332, 99.2924

Rectangle

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



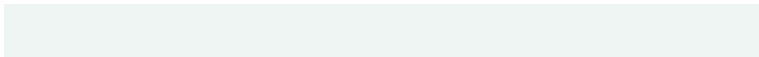
85.9560, 89.9332, 101.6354



86.7724, 89.9332, 99.2403



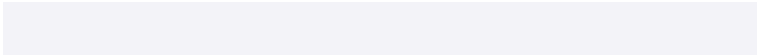
85.0034, 89.9332, 94.3001



84.1981, 89.9332, 96.6154

Sweetspot

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



85.9586, 89.9370, 101.6374



93.3106, 97.9047, 108.5872



87.4612, 92.9630, 102.0745



19.9906, 20.9777, 23.2454



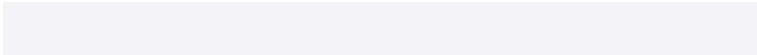
0.0000, 0.0000, 0.0000



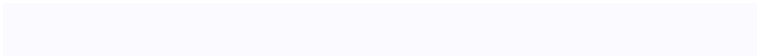
20.3446, 21.4041, 23.3091

Same Dimension

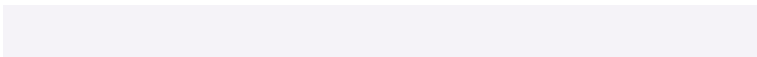
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.9586, 89.9370, 101.6374



91.5944, 95.8373, 108.2786



86.7969, 90.3674, 101.6762



18.8038, 19.6806, 22.1930



9.1545, 3.6645, 48.1984



0.8483, 0.3402, 4.4641

Inverse Universe

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



86.9416, 90.5303, 97.6904



92.6348, 96.4652, 104.1011



87.6064, 93.1248, 98.1528



19.0062, 19.8027, 21.3805



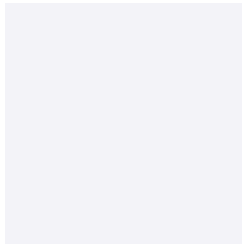
20.9128, 10.7808, 0.9832



1.9371, 0.9986, 0.0921

Previews

White Background



This preview shows how the XYZ color 85.9560, 89.9332, 101.6354 looks on a white background.

Color Contrast Check

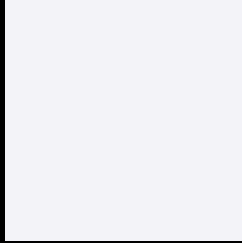
Large Text (above 18pt) WCAG AA × Fail

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 85.9560, 89.9332, 101.6354 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

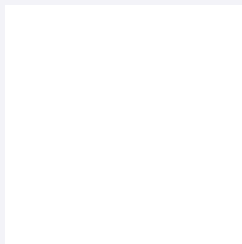
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.9560, 89.9332, 101.6354

Background



This preview shows how black text looks on a background with the XYZ color 85.9560, 89.9332, 101.6354.



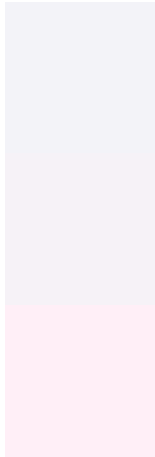
This preview shows how white text looks on a background with the XYZ color 85.9560, 89.9332,

101.6354.

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

85.9560, 89.9332, 101.6354

Protanopia

86.5467, 89.8125, 100.7697

Deuteranopia

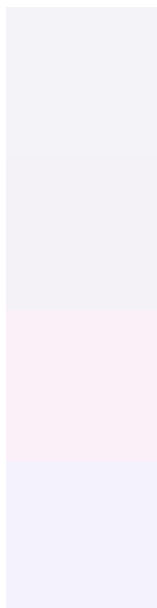
88.8950, 89.7084, 100.6259



Tritanopia

87.1104, 89.9574, 107.3800

Trichromacy



Original Color

85.9560, 89.9332, 101.6354

Protanomaly

86.1968, 89.6321, 100.7534

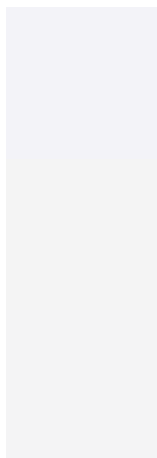
Deuteranomaly

87.7323, 89.5448, 100.6556

Tritanomaly

86.6310, 89.7656, 104.8560

Monochromacy



Original Color

85.9560, 89.9332, 101.6354

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.1403, 90.5270, 99.3196

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.9560, 89.9332, 101.6354 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(243, 243, 248) looks like.

```
.text, #text, p{  
    color:rgb(243, 243, 248)  
}
```

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(243, 243, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 243, 248) }
```

Border

The CSS property to change the border of an element to XYZ 85.9560, 89.9332, 101.6354 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(243, 243, 248) }
```


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

```
.border{ border-color:rgb(243, 243, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 243, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 243, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 243, 248);  
box-shadow:4px 4px 4px 4px rgb(243, 243,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 85.9560, 89.9332, 101.6354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 243, 248) }
```

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

```
.background{ background-color: rgb(243,  
243, 248) }
```

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