

Converting Colors

XYZ(81.1963, 93.9487, 58.9823)

Have a look what the booklet for
XYZ(81.1963, 93.9487, 58.9823)
contains.

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Color

**XYZ(81.3739, 94.0354,
59.2092)**

Conversions

Conversions Part 1

Format	Color
Hex	F3FFB8
RGB	243, 255, 184
RGB Percent	95%, 100%, 72%
CMY	0.0471, 0.0000, 0.2784
CMYK	0.05, 0.00, 0.28, 0.00
HSL	70°, 100%, 86%
HSV	70°, 28%, 100%
XYZ	81.3739, 94.0354, 59.2092
YIQ	243.3180, 15.6390, -24.6250

Conversions

Conversions Part 2

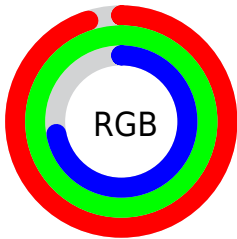
Format	Color
RYB	184, 255, 196
Decimal	15990712
CIELab	97.65, -15.08, 32.70
CIELCh	98, 36.008, 114.762
Yxy	94.0354, 0.3468, 0.4008
Android (android.graphics.Color)	4294180792 (0xFFFF3FFB8)
YUV	243.3180, -29.2438, -0.2789
Hunter-Lab	96.9719, -19.9125, 31.6789

Details

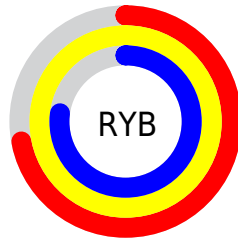
The XYZ color **81.3739, 94.0354, 59.2092** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **57.9565, 53.2380, 101.8291**, and the grayscale version is **85.6608, 90.1218, 98.1427**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **44.4730, 52.4390, 28.8968** is the 20% darker color. If you saturate the color by 10%, you get **77.4671, 92.3029, 46.3082**, and if you desaturate by 10%, it is **85.7983, 95.9790, 74.6520**.

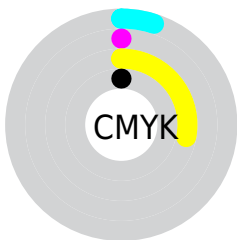
Distribution



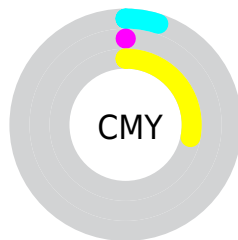
- Red (95%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (77%)



- Cyan (5%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.3739, 94.0354, 59.2092 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 81.3739, 94.0354, 59.2092 by changing the saturation by 10% instead.


 81.3739, 94.0354,
59.2092

 81.3739, 94.0354,
59.2092


488.2173,
541.0723, 439.4002

 61.1619, 71.3324,
42.3604


 134.2361,
152.9313, 105.2138

 44.6089, 52.6135,
29.0559


167.6170,
189.8930, 135.2066

 31.3494, 37.4943,
18.8772


206.1182,
232.3764, 170.4180

 21.0182, 25.5905,
11.4057

250.1052,
280.7658, 211.2663

 13.2499, 16.5175,
6.2228

299.9432,
335.4457, 258.1701

 7.6790, 9.8911,
2.9101

355.9977,

 3.9403, 5.3268,

396.8005, 311.5480

1.0489

418.6339,
465.2146, 371.8185

■ 1.6684, 2.4403,
0.0000

■ 0.4364, 0.8465,
0.0000

■ 81.3739, 94.0354,
59.2092

■ 81.3739, 94.0354,
59.2092

■ 77.4671, 92.3029,
46.3082

■ 85.7983, 95.9790,
74.6520

■ 74.0507, 90.7705,
35.8088

■ 90.7632, 98.1429,
92.7588

■ 71.0963, 89.4269,
27.5629

95.0500, 100.0000,
108.9000

■ 68.5723, 88.2594,
21.4048

■ 66.4426, 87.2536,
17.1459

■ 64.6647, 86.3923,
14.5637

■ 63.1819, 85.6530,
13.3607

■ 62.8830, 85.5024,
13.1893

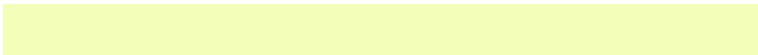
Harmonies

Analogous

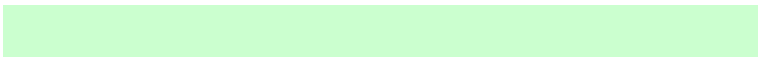
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.1892, 94.0354, 55.8364



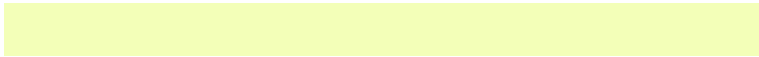
81.3739, 94.0354, 59.2092



74.2268, 94.0354, 73.1515

Triad

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



81.3739, 94.0354, 59.2092



78.4814, 94.0354, 155.7587



110.4770, 94.0354, 107.6284

Complementary

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



81.3739, 94.0354, 59.2092



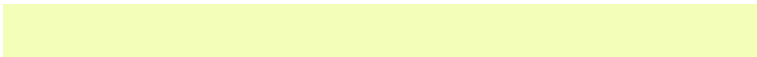
57.9565, 53.2380, 101.8291

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.



106.4618, 94.0354, 138.5319



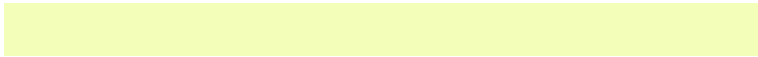
81.3739, 94.0354, 59.2092



87.5906, 94.0354, 169.5140

Square

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



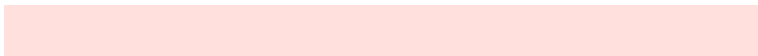
81.3739, 94.0354, 59.2092



72.6485, 94.0354, 127.8982



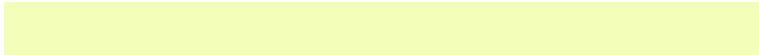
97.8901, 94.0354, 162.6744



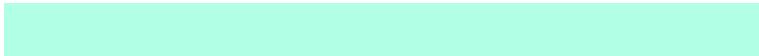
108.4964, 94.0354, 80.5186

Rectangle

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



81.3739, 94.0354, 59.2092



71.6779, 94.0354, 88.2580



97.8901, 94.0354, 162.6744



109.7752, 94.0354, 117.9522

Sweetspot

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



81.3743, 94.0356, 59.2105



90.6805, 98.1070, 92.4518



69.5948, 64.1264, 54.0583



19.2422, 20.9263, 19.1693



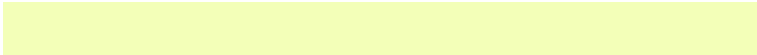
0.0000, 0.0000, 0.0000



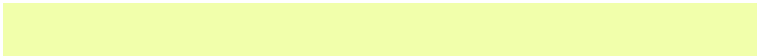
20.3446, 21.4041, 23.3091

Same Dimension

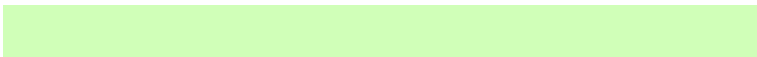
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.3743, 94.0356, 59.2105



79.2961, 93.1162, 52.2470



70.3312, 88.3427, 58.6937



19.2422, 20.9263, 19.1693



32.9688, 44.7341, 6.8969



3.2862, 4.3949, 0.6751

Inverse Universe

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



57.9565, 53.2380, 101.8291



52.6097, 46.6125, 100.8320



68.2540, 58.5466, 102.3110



17.2891, 17.5252, 22.7214



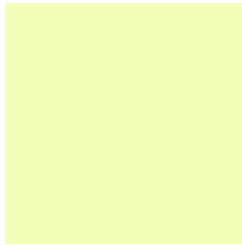
10.0373, 4.0849, 49.6940



1.0534, 0.4369, 4.8421

Previews

White Background



This preview shows how the XYZ color 81.3739, 94.0354, 59.2092 looks on a white background.

Color Contrast Check

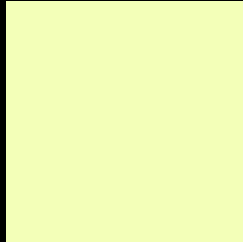
Large Text (above 18pt) WCAG AA × Fail

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 81.3739, 94.0354, 59.2092 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 81.3739, 94.0354, 59.2092

Background



This preview shows how black text looks on a background with the XYZ color 81.3739, 94.0354, 59.2092.

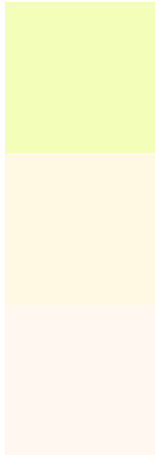


This preview shows how white text looks on a background with the XYZ color 81.3739, 94.0354,

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

81.3739, 94.0354, 59.2092

Protanopia

88.5349, 93.8858, 85.4070

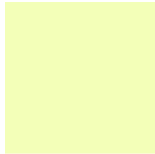
Deuteranopia

90.2289, 94.0728, 95.8404

Tritanopia

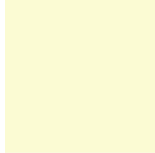
90.7351, 94.0655, 107.9820

Trichromacy



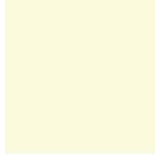
Original Color

81.3739, 94.0354, 59.2092



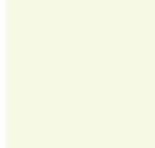
Protanomaly

86.0387, 94.2067, 75.2770



Deuteranomaly

86.8875, 94.0478, 81.2837



Tritanomaly

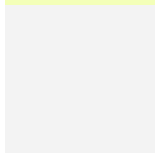
86.6862, 93.8025, 87.6656

Monochromacy



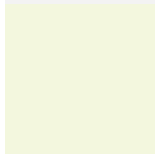
Original Color

81.3739, 94.0354, 59.2092



Achromatopsia

85.1904, 89.6269, 97.6037



Achromatomaly

83.4077, 90.8501, 82.2470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.3739, 94.0354, 59.2092 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, 255, 184)` looks like.

```
.text, #text, p{  
    color:rgb(243, 255, 184)  
}
```

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, 255, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 184) }
```

Border

The CSS property to change the border of an element to XYZ 81.3739, 94.0354, 59.2092 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, 255, 184) }
```


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

```
.border{ border-color:rgb(243, 255, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 255, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 255, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 255, 184);  
box-shadow:4px 4px 4px 4px rgb(243, 255,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 81.3739, 94.0354, 59.2092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 255, 184) }
```

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

```
.background{ background-color: rgb(243,  
255, 184) }
```

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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