

Converting Colors

XYZ(59.6998, 43.6193, 94.5133)

Have a look what the booklet for
XYZ(59.6998, 43.6193, 94.5133)
contains.

XYZ(59.7053, 43.6091, 94.8931)	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(59.7053, 43.6091,
94.8931)**

Conversions

Conversions Part 1

Format	Color
Hex	E690F9
RGB	230, 144, 249
RGB Percent	90%, 56%, 98%
CMY	0.0980, 0.4353, 0.0235
CMYK	0.08, 0.42, 0.00, 0.02
HSL	289°, 90%, 77%
HSV	289°, 42%, 98%
XYZ	59.7053, 43.6091, 94.8931
YIQ	181.6840, 17.5510, 50.8870

Conversions

Conversions Part 2

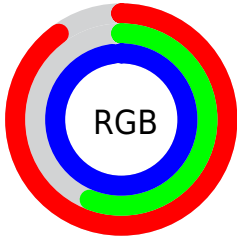
Format	Color
R _Y B	230, 144, 249
Decimal	15110393
CIE _{Lab}	71.97, 49.05, -39.37
CIE _{LCh}	72, 62.897, 321.245
Yxy	43.6091, 0.3012, 0.2200
Android (android.graphics.Color)	4293300473 (0xFFE690F9)
YUV	181.6840, 33.1868, 42.3731
Hunter-Lab	66.0372, 45.8197, -38.9716

Details

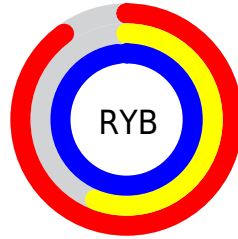
The XYZ color **59.7053, 43.6091, 94.8931** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **54.0154, 77.5525, 38.5098**, and the grayscale version is **44.1118, 46.4091, 50.5395**.

A 20% lighter version of the original color is **79.7134, 69.3268, 103.7878**, and **30.4891, 20.1722, 52.1558** is the 20% darker color. If you saturate the color by 10%, you get **54.9147, 36.1457, 93.7057**, and if you desaturate by 10%, it is **65.3679, 52.7587, 96.3614**.

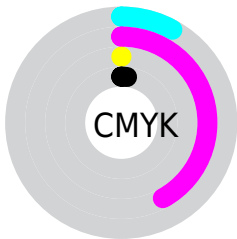
Distribution



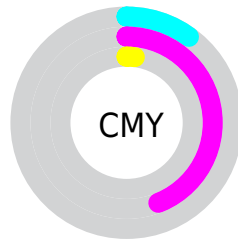
- Red (90%)
- Green (56%)
- Blue (98%)



- Red (90%)
- Yellow (56%)
- Blue (98%)



- Cyan (8%)
- Magenta (42%)
- Yellow (0%)
- Black (2%)





- Cyan (10%)
- Magenta (44%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.7053, 43.6091, 94.8931 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 59.7053, 43.6091, 94.8931 by changing the saturation by 10% instead.


 59.7053, 43.6091,
94.8931


 59.7053, 43.6091,
94.8931


413.3628,
361.1107, 564.7983

 43.4297, 30.3633,
71.4496

 103.5108, 80.6292,
156.1112

 30.4184, 20.1145,
52.2251


 131.7715,
105.1723, 194.7229

 20.3060, 12.4783,
36.8011


164.7578,
134.2500, 239.2278

 12.7272, 7.0703,
24.7589

202.8352,
168.2467, 290.0443

 7.3167, 3.5061,
15.6801

246.3691,
207.5467, 347.5911

 3.7090, 1.4013,
9.1462

295.7248,

 1.5389, 0.2177,

252.5344, 412.2867

4.7386

351.2675,
303.5943, 484.5496

■ 0.3521, 0.0000,
2.0387

■ 0.0000, 0.0000,
0.5789

■ 59.7053, 43.6091,
94.8931

■ 59.7053, 43.6091,
94.8931

■ 54.9147, 36.1457,
93.7057

■ 65.3679, 52.7587,
96.3614

■ 50.9360, 30.2522,
92.7778

■ 71.9485, 63.6895,
98.1244

■ 47.7084, 25.8064,
92.0898

■ 79.4952, 76.4961,
100.1986

■ 45.1603, 22.6653,
91.6178

■ 88.0511, 91.2646,
102.5982

■ 43.2053, 20.6564,
91.3331

■ 93.1961, 99.1542,
103.8499

■ 41.9857, 19.6692,
91.2068

■ 94.0990, 99.6196,
103.8921

Harmonies

Analogous

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



49.3819, 43.6091, 126.5656



59.7053, 43.6091, 94.8931



65.3608, 43.6091, 57.0537

Triad

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



59.7053, 43.6091, 94.8931



44.6686, 43.6091, 9.7583



25.0432, 43.6091, 72.2670

Complementary

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



59.7053, 43.6091, 94.8931



54.0154, 77.5525, 38.5098

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.



24.2222, 43.6091, 39.0472



59.7053, 43.6091, 94.8931



34.4150, 43.6091, 10.9632

Square

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



59.7053, 43.6091, 94.8931



55.7486, 43.6091, 14.7073



27.3547, 43.6091, 19.2725



29.8313, 43.6091, 110.0553

Rectangle

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



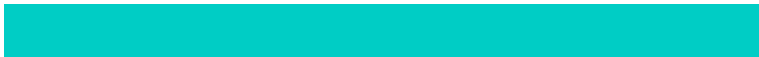
59.7053, 43.6091, 94.8931



65.1501, 43.6091, 36.8694



27.3547, 43.6091, 19.2725



24.3312, 43.6091, 59.9597

Sweetspot

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



59.7068, 43.6110, 94.8940



83.1989, 79.5229, 105.5721



41.7439, 39.0541, 94.9612



17.4161, 16.3525, 22.4884



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.



59.7068, 43.6110, 94.8940



58.4835, 38.9414, 99.0418



61.4039, 45.0330, 70.2538



17.6669, 17.3565, 21.8043



22.5851, 10.5857, 48.8264



2.1693, 1.0204, 4.5258

Inverse Universe

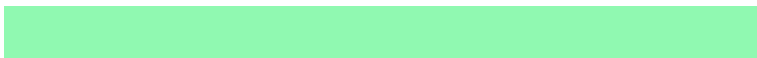
The Inverse Universe completely reimagines the original color for something new.



55.6524, 42.7324, 39.9671



53.9508, 38.0680, 32.7219



53.3395, 76.8660, 53.7530



17.3728, 17.2765, 18.5531



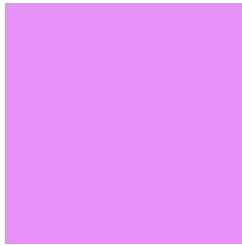
21.2027, 10.8968, 2.5101



1.9976, 1.0228, 0.4110

Previews

White Background



This preview shows how the XYZ color 59.7053, 43.6091, 94.8931 looks on a white background.

Color Contrast Check

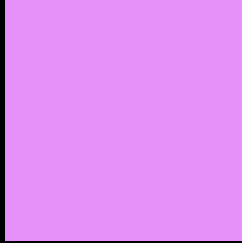
Large Text (above 18pt) WCAG AA × Fail

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 59.7053, 43.6091, 94.8931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

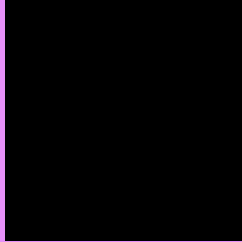
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.7053, 43.6091, 94.8931

Background



This preview shows how black text looks on a background with the XYZ color 59.7053, 43.6091, 94.8931.



This preview shows how white text looks on a background with the XYZ color 59.7053, 43.6091,

94.8931.

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

59.7053, 43.6091, 94.8931

Protanopia

45.7637, 43.9761, 100.6840

Deuteranopia

45.0240, 43.8111, 90.8774



Tritanopia

49.5011, 43.5669, 45.3354

Trichromacy



Original Color

59.7053, 43.6091, 94.8931



Protanomaly

49.4172, 42.8699, 98.5987



Deuteranomaly

49.1071, 42.8542, 92.0697



Tritanomaly

52.6954, 43.3477, 60.8479

Monochromacy



Original Color

59.7053, 43.6091, 94.8931



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

48.6964, 44.6036, 64.4353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7053, 43.6091, 94.8931 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(230, 144, 249)` looks like.

```
.text, #text, p{  
    color:rgb(230, 144, 249)  
}
```

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(230, 144, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 144, 249) }
```

Border

The CSS property to change the border of an element to XYZ 59.7053, 43.6091, 94.8931 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(230, 144, 249) }
```


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

```
.border{ border-color:rgb(230, 144, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 144, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 144, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 144, 249);  
box-shadow:4px 4px 4px 4px rgb(230, 144,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7053, 43.6091, 94.8931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 144, 249) }
```

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

```
.background{ background-color: rgb(230,  
144, 249) }
```

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