

Converting Colors

XYZ(55.0218, 38.6203, 94.9970)

Have a look what the booklet for
XYZ(55.0218, 38.6203, 94.9970)
contains.

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Color

**XYZ(55.0218, 38.6203,
94.9970)**

Conversions

Conversions Part 1

Format	Color
Hex	DC84FA
RGB	220, 132, 250
RGB Percent	86%, 52%, 98%
CMY	0.1372, 0.4823, 0.0196
CMYK	0.12, 0.47, 0.00, 0.02
HSL	285°, 92%, 75%
HSV	285°, 47%, 98%
XYZ	55.0218, 38.6203, 94.9970
YIQ	171.7640, 14.5700, 55.3540

Conversions

Conversions Part 2

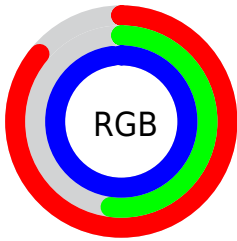
Format	Color
R _{YB}	220, 132, 250
Decimal	14451962
CIE _{Lab}	68.48, 52.59, -45.46
CIE _{LCh}	68, 69.519, 319.160
Yxy	38.6203, 0.2917, 0.2047
Android (android.graphics.Color)	4292642042 (0xFFDC84FA)
YUV	171.7640, 38.5703, 42.3030
Hunter-Lab	62.1452, 49.2852, -47.1307

Details

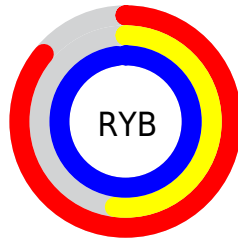
The XYZ color **55.0218, 38.6203, 94.9970** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **53.2519, 77.7195, 34.0261**, and the grayscale version is **38.9010, 40.9269, 44.5693**.

A 20% lighter version of the original color is **77.0603, 64.0206, 102.9034**, and **27.5259, 17.2288, 52.3268** is the 20% darker color. If you saturate the color by 10%, you get **50.1421, 31.6615, 93.9116**, and if you desaturate by 10%, it is **60.7896, 47.2444, 96.3582**.

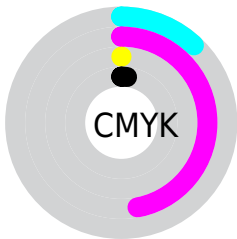
Distribution



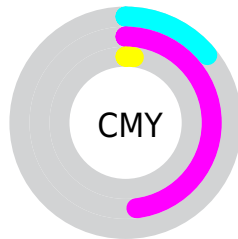
- Red (86%)
- Green (52%)
- Blue (98%)



- Red (86%)
- Yellow (52%)
- Blue (98%)



- Cyan (12%)
- Magenta (47%)
- Yellow (0%)
- Black (2%)



- Cyan (14%)
- Magenta (48%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.0218, 38.6203, 94.9970 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 55.0218, 38.6203, 94.9970 by changing the saturation by 10% instead.


 55.0218, 38.6203,
94.9970

 55.0218, 38.6203,
94.9970


396.1296,
340.2735, 565.1395


 39.6531, 26.4645,
71.5356

 96.7210, 73.0579,
156.2560

 27.4512, 17.1714,
52.2949


 123.7823, 96.1085,
194.8907

 18.0507, 10.3568,
36.8563


 155.4717,
123.5594, 239.4202

 11.0863, 5.6362,
24.8014

192.1547,
155.7951, 290.2631

 6.1926, 2.6251,
15.7114

234.1967,
193.2000, 347.8380

 3.0043, 0.9393,
9.1681

281.9629,

 1.1561, 0.0000,

236.1584, 412.5633

4.7527

335.8188,
285.0548, 484.8576

■ 0.0712, 0.0000,
2.0467

■ 0.0000, 0.0000,
0.5838

■ 55.0218, 38.6203,
94.9970

■ 55.0218, 38.6203,
94.9970

■ 50.1421, 31.6615,
93.9116

■ 60.7896, 47.2444,
96.3582

■ 46.0865, 26.2447,
93.0798

■ 67.4953, 57.6355,
98.0105

■ 42.7886, 22.2373,
92.4801

■ 75.1896, 69.8930,
99.9709

■ 40.1691, 19.4815,
92.0863

■ 83.9183, 84.1072,
102.2545

■ 38.1255, 17.7739,
91.8644

■ 93.0812, 99.0768,
104.6609

■ 37.6128, 17.3968,
91.8186

■ 94.2554, 99.6822,
104.7159

Harmonies

Analogous

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



44.0495, 38.6203, 128.4278



55.0218, 38.6203, 94.9970



61.4714, 38.6203, 54.4218

Triad

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



55.0218, 38.6203, 94.9970



40.8051, 38.6203, 6.3033



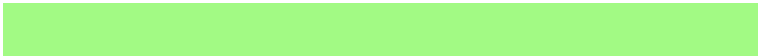
20.2136, 38.6203, 65.0715

Complementary

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



55.0218, 38.6203, 94.9970



53.2519, 77.7195, 34.0261

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.



19.6878, 38.6203, 31.7131



55.0218, 38.6203, 94.9970



30.2302, 38.6203, 6.9632

Square

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



55.0218, 38.6203, 94.9970



52.2447, 38.6203, 10.9665



22.9881, 38.6203, 13.6864



24.6035, 38.6203, 106.0350

Rectangle

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



55.0218, 38.6203, 94.9970



61.6225, 38.6203, 33.1751



22.9881, 38.6203, 13.6864



19.6173, 38.6203, 52.3836

Sweetspot

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



55.0232, 38.6219, 94.9978



81.4392, 77.6188, 105.2974



39.9527, 38.1697, 95.7049



17.0240, 15.9542, 22.4322



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.



55.0232, 38.6219, 94.9978



52.5158, 33.2092, 98.2499



60.9242, 42.1270, 74.3570



17.5370, 17.2894, 21.7982



20.0908, 9.2999, 48.7097



1.9583, 0.9116, 4.5159

Inverse Universe

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



54.1983, 39.4366, 38.9393



52.0136, 34.4306, 31.3449



50.0070, 75.7995, 45.0408



17.4256, 17.2976, 18.8312



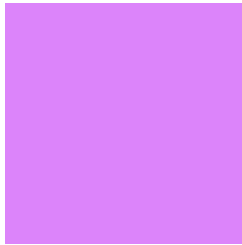
21.4449, 10.9937, 3.7852



2.0271, 1.0346, 0.5660

Previews

White Background



This preview shows how the XYZ color 55.0218, 38.6203, 94.9970 looks on a white background.

Color Contrast Check

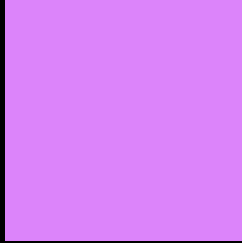
Large Text (above 18pt) WCAG AA × Fail

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 55.0218, 38.6203, 94.9970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

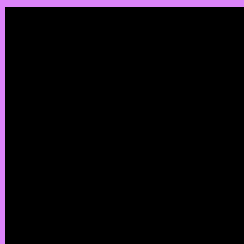
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0218, 38.6203, 94.9970

Background



This preview shows how black text looks on a background with the XYZ color 55.0218, 38.6203, 94.9970.



This preview shows how white text looks on a background with the XYZ color 55.0218, 38.6203,

94.9970.

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

55.0218, 38.6203, 94.9970

Protanopia

41.1570, 38.8393, 99.9353

Deuteranopia

40.1187, 39.0383, 91.0086



Tritanopia

43.6612, 38.4022, 40.2331

Trichromacy



Original Color

55.0218, 38.6203, 94.9970



Protanomaly

44.4749, 37.5477, 97.8318



Deuteranomaly

44.1265, 37.9805, 92.1940

Tritanomaly

47.1271, 38.1880, 56.5169

Monochromacy



Original Color

55.0218, 38.6203, 94.9970



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

43.4686, 39.1029, 59.9002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0218, 38.6203, 94.9970 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(220, 132, 250)` looks like.

```
.text, #text, p{  
    color:rgb(220, 132, 250)  
}
```

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(220, 132, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 132, 250) }
```

Border

The CSS property to change the border of an element to XYZ 55.0218, 38.6203, 94.9970 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(220, 132, 250) }
```


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

```
.border{ border-color:rgb(220, 132, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 132, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 132, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 132, 250);  
box-shadow:4px 4px 4px 4px rgb(220, 132,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0218, 38.6203, 94.9970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 132, 250) }
```

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

```
.background{ background-color: rgb(220,  
132, 250) }
```

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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