

Converting Colors

XYZ(55.7343, 44.8506, 96.2795)

Have a look what the booklet for
XYZ(55.7343, 44.8506, 96.2795)
contains.

XYZ(55.7767, 44.9112, 96.1714)	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(55.7767, 44.9112,
96.1714)**

Conversions

Conversions Part 1

Format	Color
Hex	D19EFA
RGB	209, 158, 250
RGB Percent	82%, 62%, 98%
CMY	0.1804, 0.3804, 0.0196
CMYK	0.16, 0.37, 0.00, 0.02
HSL	273°, 90%, 80%
HSV	273°, 37%, 98%
XYZ	55.7767, 44.9112, 96.1714
YIQ	183.7370, 0.8640, 39.4240

Conversions

Conversions Part 2

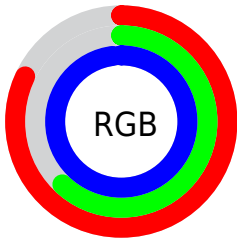
Format	Color
RYB	209, 158, 250
Decimal	13737722
CIELab	72.83, 35.71, -38.73
CIELCh	73, 52.679, 312.672
Yxy	44.9112, 0.2833, 0.2281
Android (android.graphics.Color)	4291927802 (0xFFD19EFA)
YUV	183.7370, 32.6677, 22.1557
Hunter-Lab	67.0158, 31.2864, -38.1733

Details

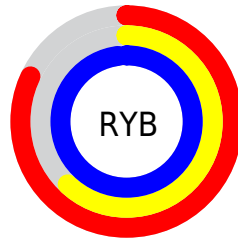
The XYZ color **55.7767, 44.9112, 96.1714** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **63.9117, 82.9830, 44.9985**, and the grayscale version is **45.2416, 47.5977, 51.8339**.

A 20% lighter version of the original color is **83.0842, 76.0685, 104.9114**, and **27.9165, 20.9306, 53.0207** is the 20% darker color. If you saturate the color by 10%, you get **48.8957, 35.6653, 94.7502**, and if you desaturate by 10%, it is **63.7486, 56.0091, 97.8941**.

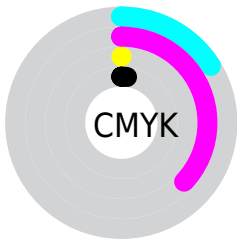
Distribution



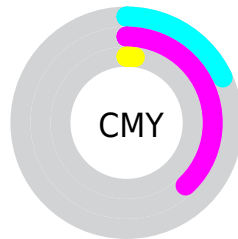
- Red (82%)
- Green (62%)
- Blue (98%)



- Red (82%)
- Yellow (62%)
- Blue (98%)



- Cyan (16%)
- Magenta (37%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (38%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7767, 44.9112, 96.1714 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 55.7767, 44.9112, 96.1714 by changing the saturation by 10% instead.

55.7767, 44.9112,
96.1714

55.7767, 44.9112,
96.1714

398.9381,
366.4138, 568.9882

40.2602, 31.3875,
72.5081

97.8197, 82.5871,
157.8914

27.9266, 20.8941,
53.0844

125.0770,
107.5082, 196.7852

18.4105, 13.0466,
37.4820

156.9785,
136.9971, 241.5928

11.3466, 7.4606,
25.2822

193.8897,
171.4383, 292.7329

6.3695, 3.7518,
16.0665

236.1759,
211.2161, 350.6239

3.1138, 1.5357,
9.4163

284.2025,

1.2142, 0.3137,

256.7151, 415.6844

4.9132

338.3348,
308.3195, 488.3330

■ 0.1176, 0.0000,
2.1386

■ 0.0000, 0.0000,
0.6386

■ 55.7767, 44.9112,
96.1714

■ 55.7767, 44.9112,
96.1714

■ 48.8957, 35.6653,
94.7502

■ 63.7486, 56.0091,
97.8941

■ 43.0435, 28.1577,
93.6095

■ 72.8595, 69.0525,
99.9315

■ 38.1584, 22.2704,
92.7306

■ 83.1601, 84.1354,
102.2999

■ 34.1690, 17.8678,
92.0911

■ 93.7305, 99.4115,
104.6914

■ 30.9922, 14.7913,
91.6647

■ 94.2554, 99.6822,
104.7159

■ 28.5242, 12.8404,
91.4182

■ 27.8342, 12.3557,
91.3610

Harmonies

Analogous

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



46.6696, 44.9112, 116.4961



55.7767, 44.9112, 96.1714



61.8110, 44.9112, 65.5207

Triad

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



55.7767, 44.9112, 96.1714



48.1520, 44.9112, 14.8174



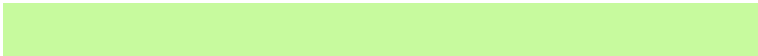
27.7017, 44.9112, 60.8260

Complementary

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



55.7767, 44.9112, 96.1714



63.9117, 82.9830, 44.9985

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.



27.9802, 44.9112, 35.3595



55.7767, 44.9112, 96.1714



38.9372, 44.9112, 14.3440

Square

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



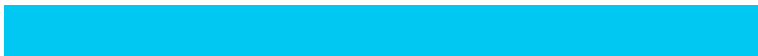
55.7767, 44.9112, 96.1714



56.9949, 44.9112, 22.0538



31.8240, 44.9112, 20.3930



30.9992, 44.9112, 91.6936

Rectangle

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



55.7767, 44.9112, 96.1714



62.8153, 44.9112, 46.5856



31.8240, 44.9112, 20.3930



27.3955, 44.9112, 51.2912

Sweetspot

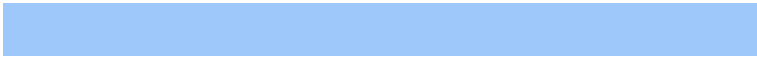
The Sweet Spot groups the original color and five complimentary colors.



55.7783, 44.9130, 96.1724



82.2951, 81.0966, 105.9235



51.8731, 55.2041, 98.3646



17.3012, 16.8991, 22.5999



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.



55.7783, 44.9130, 96.1724



53.0187, 39.7838, 99.4924



68.1950, 51.3964, 93.0337



17.2032, 17.1174, 21.7826



14.9323, 6.6405, 48.4683



1.5050, 0.6779, 4.4947

Inverse Universe

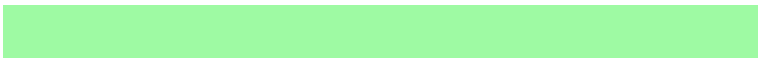
The Inverse Universe completely reimagines the original color for something new.



61.9613, 48.9030, 60.2079



60.6360, 44.6863, 55.7658



54.8627, 78.2714, 46.6810



17.5661, 17.3538, 19.5706



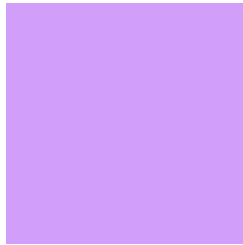
22.5158, 11.4221, 9.4248



2.1378, 1.0789, 1.1492

Previews

White Background



This preview shows how the XYZ color 55.7767, 44.9112, 96.1714 looks on a white background.

Color Contrast Check

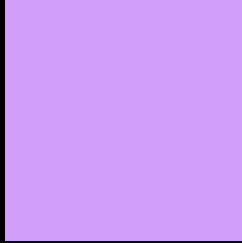
Large Text (above 18pt) WCAG AA × Fail

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 55.7767, 44.9112, 96.1714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

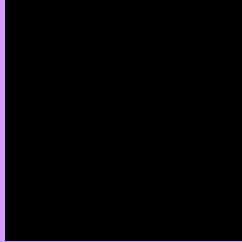
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7767, 44.9112, 96.1714

Background



This preview shows how black text looks on a background with the XYZ color 55.7767, 44.9112, 96.1714.



This preview shows how white text looks on a background with the XYZ color 55.7767, 44.9112,

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

55.7767, 44.9112, 96.1714

Protanopia

46.9018, 45.1407, 100.8488

Deuteranopia

46.2613, 45.2662, 93.4878



Tritanopia

46.6086, 44.6344, 52.0577

Trichromacy



Original Color

55.7767, 44.9112, 96.1714



Protanomaly

49.3731, 44.4665, 98.9091



Deuteranomaly

49.0677, 44.6950, 94.0365

Tritanomaly

49.5020, 44.4324, 66.2889

Monochromacy



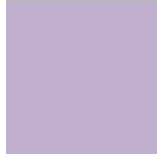
Original Color

55.7767, 44.9112, 96.1714



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

48.7075, 46.5515, 66.0927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7767, 44.9112, 96.1714 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(209, 158, 250)` looks like.

```
.text, #text, p{  
    color:rgb(209, 158, 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(209, 158, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 158, 250) }
```

Border

The CSS property to change the border of an element to XYZ 55.7767, 44.9112, 96.1714 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(209, 158, 250) }
```


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

```
.border{ border-color:rgb(209, 158, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 158, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 158, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 158, 250);  
box-shadow:4px 4px 4px 4px rgb(209, 158,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7767, 44.9112, 96.1714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 158, 250) }
```

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

```
.background{ background-color: rgb(209,  
158, 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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