

Converting Colors

XYZ(45.0836, 38.5255,
128.2491)

Have a look what the booklet for
XYZ(45.0836, 38.5255, 128.2491)
contains.

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Color

**XYZ(39.6227, 36.2395,
99.5143)**

Conversions

Conversions Part 1

Format	Color
Hex	849DFF
RGB	132, 157, 255
RGB Percent	52%, 62%, 100%
CMY	0.4823, 0.3843, 0.0000
CMYK	0.48, 0.38, 0.00, 0.00
HSL	228°, 100%, 76%
HSV	228°, 48%, 100%
XYZ	39.6227, 36.2395, 99.5143
YIQ	160.6970, -46.3580, 25.1780

Conversions

Conversions Part 2

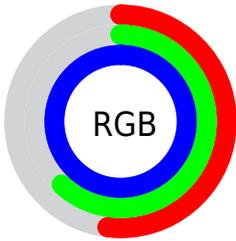
Format	Color
RYB	132, 153, 255
Decimal	8691199
CIELab	66.70, 17.04, -51.50
CIElCh	67, 54.245, 288.304
Yxy	36.2395, 0.2259, 0.2066
Android (android.graphics.Color)	4286881279 (0xFF849DFF)
YUV	160.6970, 46.4914, -25.1673
Hunter-Lab	60.1993, 12.1387, -55.8718

Details

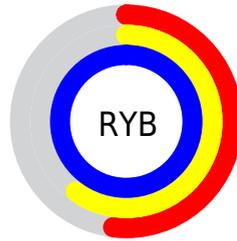
The XYZ color **39.6227, 36.2395, 99.5143** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **73.7030, 79.5216, 33.2964**, and the grayscale version is **33.5438, 35.2906, 38.4315**.

A 20% lighter version of the original color is **62.5795, 64.7557, 103.8085**, and **18.0196, 15.7630, 55.5189** is the 20% darker color. If you saturate the color by 10%, you get **32.9550, 28.1171, 98.2980**, and if you desaturate by 10%, it is **47.8389, 46.0099, 100.9672**.

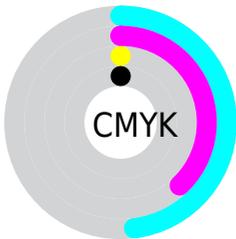
Distribution



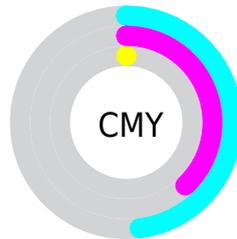
- Red (52%)
- Green (62%)
- Blue (100%)



- Red (52%)
- Yellow (60%)
- Blue (100%)



- Cyan (48%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.6227, 36.2395, 99.5143 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 39.6227, 36.2395, 99.5143 by changing the saturation by 10% instead.

■ 39.6227, 36.2395,
99.5143

■ 39.6227, 36.2395,
99.5143

335.6925,
330.0061, 579.8677

■ 27.4274, 24.6192,
75.2803

■ 73.8766, 69.4016,
162.5356

■ 18.0327, 15.7936,
55.3395

■ 96.6660, 91.7121,
202.1601

■ 11.0733, 9.3782,
39.2732

■ 123.7173,
118.3550, 247.7517

■ 6.1838, 4.9887,
26.6628

155.3961,
149.7144, 299.7292

■ 2.9989, 2.2406,
17.0900

192.0677,
186.1748, 358.5110

■ 1.1532, 0.7420,
10.1360

234.0974,

■ 0.0689, 0.0000,

228.1207, 424.5157

5.3825

281.8505,
275.9363, 498.1617

■ 0.0000, 0.0000,
2.4107

■ 0.0000, 0.0000,
0.7923

■ 39.6227, 36.2395,
99.5143

■ 39.6227, 36.2395,
99.5143

■ 32.9550, 28.1171,
98.2980

■ 47.8389, 46.0099,
100.9672

■ 27.7316, 21.5452,
97.3048

■ 57.6911, 57.5105,
102.6677

■ 23.8408, 16.4214,
96.5208

■ 69.2645, 70.8227,
104.6273

■ 21.1516, 12.6282,
95.9304

■ 82.6374, 86.0212,
106.8560

■ 19.4924, 10.0210,
95.5146

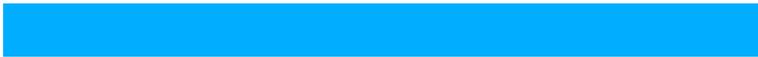
95.0500, 100.0000,
108.9000

■ 19.2702, 9.6604,
95.4567

Harmonies

Analogous

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



31.3543, 36.2395, 102.0244



39.6227, 36.2395, 99.5143



47.5702, 36.2395, 77.6331

Triad

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



39.6227, 36.2395, 99.5143



45.9984, 36.2395, 14.4803



21.2272, 36.2395, 31.0156

Complementary

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



39.6227, 36.2395, 99.5143



73.7030, 79.5216, 33.2964

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.



23.9870, 36.2395, 16.4444



39.6227, 36.2395, 99.5143



37.7315, 36.2395, 9.7483

Square

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



39.6227, 36.2395, 99.5143



51.6338, 36.2395, 26.9380



29.7384, 36.2395, 10.2869



21.5688, 36.2395, 55.3589

Rectangle

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



39.6227, 36.2395, 99.5143



51.2180, 36.2395, 58.5575



29.7384, 36.2395, 10.2869



21.8026, 36.2395, 25.0423

Sweetspot

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



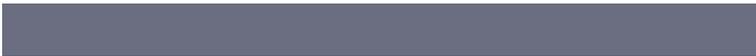
39.6240, 36.2407, 99.5145



74.7014, 77.0220, 105.5373



59.3290, 82.0470, 86.3644



15.3873, 15.8004, 22.4887



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.



39.6240, 36.2407, 99.5145



33.0936, 28.2884, 98.3237



42.2075, 31.9236, 98.5450



17.3020, 17.9755, 22.8077



10.1527, 5.2150, 49.9061



1.0617, 0.6541, 4.8836

Inverse Universe

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



55.5780, 40.1985, 36.7291



51.0349, 33.6069, 27.5235



69.4863, 88.4254, 35.2373



18.1603, 18.0474, 19.4614



21.9128, 11.2544, 2.9254



2.1705, 1.1106, 0.4793

Previews

White Background



This preview shows how the XYZ color 39.6227, 36.2395, 99.5143 looks on a white background.

Color Contrast Check

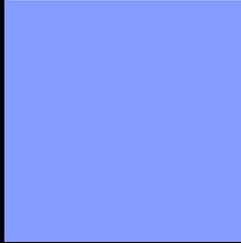
Large Text (above 18pt) WCAG AA × Fail

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 39.6227, 36.2395, 99.5143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

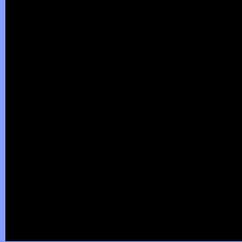
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.6227, 36.2395, 99.5143

Background



This preview shows how black text looks on a background with the XYZ color 39.6227, 36.2395, 99.5143.



This preview shows how white text looks on a background with the XYZ color 39.6227, 36.2395,

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

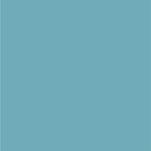
39.6227, 36.2395, 99.5143

Protanopia

39.0523, 36.4519, 99.5854

Deuteranopia

37.4918, 36.4412, 98.8237



Tritanopia

30.0650, 36.3873, 51.3378

Trichromacy



Original Color

39.6227, 36.2395, 99.5143

Protanomaly

39.1789, 36.2629, 99.5422

Deuteranomaly

38.0679, 36.2193, 98.7506

Tritanomaly

33.0593, 36.2125, 66.2201

Monochromacy



Original Color

39.6227, 36.2395, 99.5143

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.9988, 35.5658, 56.6500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6227, 36.2395, 99.5143 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(132, 157, 255)` looks like.

```
.text, #text, p{  
    color:rgb(132, 157, 255)  
}
```

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(132, 157, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 157, 255) }
```

Border

The CSS property to change the border of an element to XYZ 39.6227, 36.2395, 99.5143 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(132, 157, 255) }
```

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

```
.border{ border-color:rgb(132, 157, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 157, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 157, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 157, 255);  
box-shadow:4px 4px 4px 4px rgb(132, 157,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6227, 36.2395, 99.5143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 157, 255) }
```

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

```
.background{ background-color: rgb(132,  
157, 255) }
```

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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