

Converting Colors

XYZ(32.3393, 32.5269, 97.1072)

Have a look what the booklet for
XYZ(32.3393, 32.5269, 97.1072)
contains.

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Color

**XYZ(32.3851, 32.5454,
97.5035)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 479DFD |
| RGB | 71, 157, 253 |
| RGB Percent | 28%, 62%, 99% |
| CMY | 0.7215, 0.3843, 0.0078 |
| CMYK | 0.72, 0.38, 0.00, 0.01 |
| HSL | 212°, 98%, 64% |
| HSV | 212°, 72%, 99% |
| XYZ | 32.3851, 32.5454, 97.5035 |
| YIQ | 142.2300, -82.0720, 11.6240 |

Conversions

Conversions Part 2

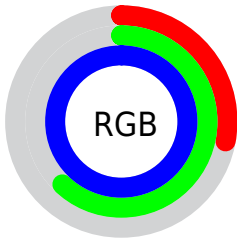
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 71, 129, 253 |
| Decimal | 4693501 |
| CIE Lab | 63.79, 5.30, -55.20 |
| CIE LCh | 64, 55.457, 275.482 |
| Yxy | 32.5454, 0.1994, 0.2004 |
| Android (android.graphics.Color) | 4282883581 (0xFF479DFD) |
| YUV | 142.2300, 54.6096, -62.4687 |
| Hunter-Lab | 57.0486, 1.4951, -61.4004 |

Details

The XYZ color **32.3851, 32.5454, 97.5035** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **55.4668, 48.9794, 12.4938**, and the grayscale version is **25.6178, 26.9519, 29.3507**.

A 20% lighter version of the original color is **51.9917, 59.2975, 103.3130**, and **15.1178, 14.2936, 54.1867** is the 20% darker color. If you saturate the color by 10%, you get **28.7647, 27.5085, 96.7228**, and if you desaturate by 10%, it is **37.0265, 38.4755, 98.4042**.

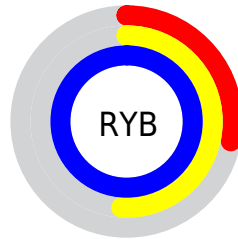
Distribution



Red (28%)

Green (62%)

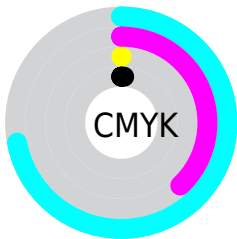
Blue (99%)



Red (28%)

Yellow (51%)

Blue (99%)

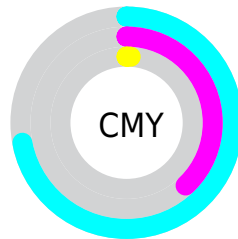


Cyan (72%)

Magenta (38%)

Yellow (0%)

Black (1%)



Cyan (72%)

Magenta (38%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3851, 32.5454, 97.5035 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 32.3851, 32.5454, 97.5035 by changing the saturation by 10% instead.

■ 32.3851, 32.5454,
97.5035

■ 32.3851, 32.5454,
97.5035

304.5840,
313.5963, 573.3368

■ 21.8128, 21.7784,
73.6120

■ 62.7754, 63.6651,
159.7440

■ 13.8352, 13.6942,
53.9817

■ 83.3242, 84.7867,
198.9301

■ 8.0871, 7.9083,
38.1939

■ 107.9291,
110.1285, 244.0515

■ 4.2030, 4.0363,
25.8303

■ 136.9556,
140.0751, 295.5267

■ 1.8176, 1.6939,
16.4721

170.7690,
175.0108, 353.7743

■ 0.5282, 0.4197,
9.7009

209.7346,

■ 0.0000, 0.0000,

215.3199, 419.2128

5.0981

254.2178,
261.3870, 492.2608

■ 0.0000, 0.0000,
2.2452

■ 0.0000, 0.0000,
0.7003

■ 32.3851, 32.5454,
97.5035

■ 32.3851, 32.5454,
97.5035

■ 28.7647, 27.5085,
96.7228

■ 37.0265, 38.4755,
98.4042

■ 26.0506, 23.2928,
96.0522

■ 42.7778, 45.3549,
99.4289

■ 24.3914, 20.4151,
95.5842

■ 49.7217, 53.2371,
100.5844

■ 57.9314, 62.1700,
101.8759

■ 67.4734, 72.1981,
103.3086

■ 78.4097, 83.3627,
104.8872

■ 90.7980, 95.7029,
106.6161

■ 94.7298, 99.8719,
107.2136

Harmonies

Analogous

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



25.1300, 32.5454, 90.4766



32.3851, 32.5454, 97.5035



40.4574, 32.5454, 83.0421

Triad

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



32.3851, 32.5454, 97.5035



44.7884, 32.5454, 15.9277



19.2186, 32.5454, 20.4615

Complementary

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



32.3851, 32.5454, 97.5035



55.4668, 48.9794, 12.4938

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.



23.0353, 32.5454, 10.7413



32.3851, 32.5454, 97.5035



37.5679, 32.5454, 8.9977

Square

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



32.3851, 32.5454, 97.5035



48.3476, 32.5454, 31.4980



29.5258, 32.5454, 7.6056



18.3010, 32.5454, 39.6902

Rectangle

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



32.3851, 32.5454, 97.5035



44.9735, 32.5454, 65.6908



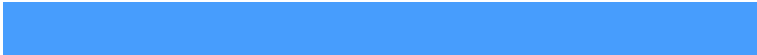
29.5258, 32.5454, 7.6056



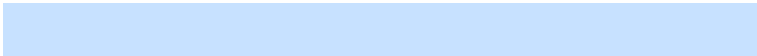
20.1695, 32.5454, 16.2768

Sweetspot

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



32.3864, 32.5464, 97.5043



68.6121, 73.4193, 105.1628



44.5201, 74.3092, 47.6128



14.0929, 15.0984, 22.4214



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.



32.3864, 32.5464, 97.5043



28.0460, 26.1475, 98.1765



22.8113, 13.0575, 94.2473



17.7108, 18.7933, 22.9439



13.1186, 11.1468, 50.8947



1.3857, 1.3021, 4.9916

Inverse Universe

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



48.8483, 27.8252, 34.6952



46.5454, 24.3771, 26.8006



75.6760, 91.0242, 19.5441



18.3667, 18.1300, 20.5481



23.4099, 11.8532, 10.8087



2.3340, 1.1760, 1.3404

Previews

White Background



This preview shows how the XYZ color 32.3851, 32.5454, 97.5035 looks on a white background.

Color Contrast Check

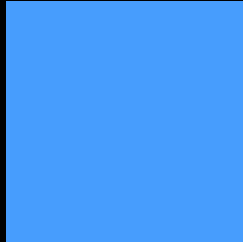
Large Text (above 18pt) WCAG AA × Fail

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 32.3851, 32.5454, 97.5035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

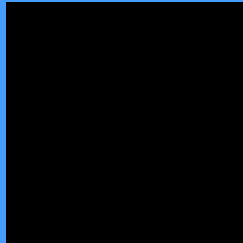
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

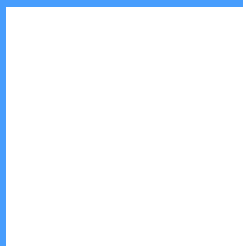
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.3851, 32.5454, 97.5035

Background



This preview shows how black text looks on a background with the XYZ color 32.3851, 32.5454, 97.5035.



This preview shows how white text looks on a background with the XYZ color 32.3851, 32.5454,

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

32.3851, 32.5454, 97.5035

Protanopia

34.8973, 32.2411, 92.3796

Deuteranopia

33.5648, 32.3908, 98.2489



Tritanopia

23.2146, 32.5865, 50.4137

Trichromacy



Original Color

32.3851, 32.5454, 97.5035

Protanomaly

33.7456, 32.3313, 94.0845

Deuteranomaly

33.0904, 32.3923, 98.2742

Tritanomaly

25.5708, 32.0955, 65.1689

Monochromacy



Original Color

32.3851, 32.5454, 97.5035

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.0797, 27.9578, 48.2778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3851, 32.5454, 97.5035 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(71, 157, 253)` looks like.

```
.text, #text, p{  
    color:rgb(71, 157, 253)  
}
```

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(71, 157, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 157, 253) }
```

Border

The CSS property to change the border of an element to XYZ 32.3851, 32.5454, 97.5035 is called "border". The border property can be set on classes, ids or directly on the HTML element.

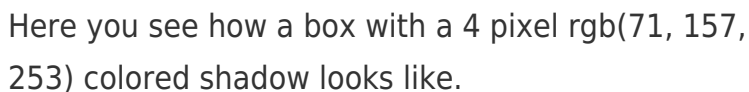
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(71, 157, 253) }
```


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

```
.border{ border-color:rgb(71, 157, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(71, 157, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 157, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 157, 253);  
box-shadow:4px 4px 4px 4px rgb(71, 157,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3851, 32.5454, 97.5035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 157, 253) }
```

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

```
.background{ background-color: rgb(71, 157,  
253) }
```

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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