

Converting Colors

XYZ(32.6156, 30.0904, 98.6967)

Have a look what the booklet for
XYZ(32.6156, 30.0904, 98.6967)
contains.

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Color

**XYZ(32.5453, 29.9514,
98.6736)**

Conversions

Conversions Part 1

Format	Color
Hex	5A92FF
RGB	90, 146, 255
RGB Percent	35%, 57%, 100%
CMY	0.6470, 0.4274, 0.0000
CMYK	0.65, 0.43, 0.00, 0.00
HSL	220°, 100%, 68%
HSV	220°, 65%, 100%
XYZ	32.5453, 29.9514, 98.6736
YIQ	141.6820, -68.3650, 22.0270

Conversions

Conversions Part 2

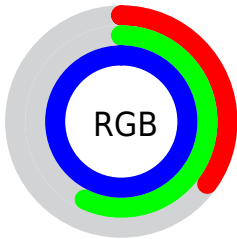
Format	Color
R _Y B	90, 132, 255
Decimal	5935871
CIE Lab	61.61, 15.26, -59.73
CIE LCh	62, 61.648, 284.336
Yxy	29.9514, 0.2019, 0.1858
Android (android.graphics.Color)	4284125951 (0xFF5A92FF)
YUV	141.6820, 55.8658, -45.3251
Hunter-Lab	54.7279, 10.3757, -68.5895

Details

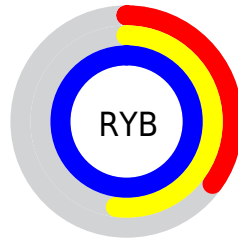
The XYZ color **32.5453, 29.9514, 98.6736** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **63.5111, 62.8488, 18.4586**, and the grayscale version is **25.3930, 26.7154, 29.0931**.

A 20% lighter version of the original color is **51.7998, 54.9369, 102.4815**, and **14.3759, 12.4430, 55.0701** is the 20% darker color. If you saturate the color by 10%, you get **28.0683, 24.0686, 97.7741**, and if you desaturate by 10%, it is **38.2575, 37.0397, 99.7407**.

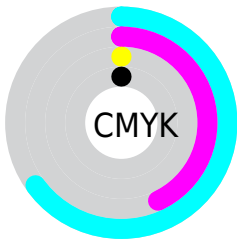
Distribution



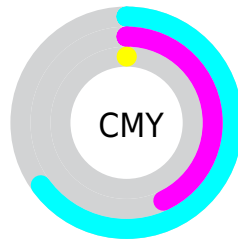
- Red (35%)
- Green (57%)
- Blue (100%)



- Red (35%)
- Yellow (52%)
- Blue (100%)



- Cyan (65%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (43%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5453, 29.9514, 98.6736 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 32.5453, 29.9514, 98.6736 by changing the saturation by 10% instead.

■ 32.5453, 29.9514,
98.6736

■ 32.5453, 29.9514,
98.6736

305.2972,
301.6779, 577.1420

■ 21.9359, 19.8017,
74.5826

■ 63.0244, 59.5853,
161.3692

■ 13.9262, 12.2510,
54.7713

■ 83.6249, 79.8383,
200.8108

■ 8.1507, 6.9148,
38.8213

■ 108.2864,
104.2279, 246.2063

■ 4.2441, 3.4089,
26.3140

■ 137.3743,
133.1384, 297.9743

■ 1.8412, 1.3488,
16.8308

171.2539,
166.9542, 356.5334

■ 0.5423, 0.1785,
9.9532

210.2908,

■ 0.0000, 0.0000,

206.0598, 422.3020

5.2628

254.8500,
250.8396, 495.6987

■ 0.0000, 0.0000,
2.3408

■ 0.0000, 0.0000,
0.7540

■ 32.5453, 29.9514,
98.6736

■ 32.5453, 29.9514,
98.6736

■ 28.0683, 24.0686,
97.7741

■ 38.2575, 37.0397,
99.7407

■ 24.7154, 19.3081,
97.0319

■ 45.2956, 45.4025,
100.9840

■ 22.3576, 15.5775,
96.4361

■ 53.7448, 55.1060,
102.4116

■ 21.4209, 13.9618,
96.1736

■ 63.6820, 66.2106,
104.0313

■ 75.1784, 78.7729,
105.8501

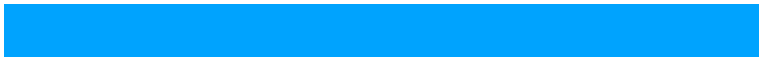
■ 88.3001, 92.8459,
107.8749

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



24.4266, 29.9514, 98.1090



32.5453, 29.9514, 98.6736



40.9441, 29.9514, 76.6407

Triad

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



32.5453, 29.9514, 98.6736



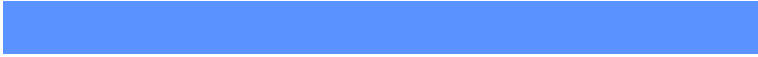
41.2736, 29.9514, 10.1655



15.8440, 29.9514, 21.8934

Complementary

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



32.5453, 29.9514, 98.6736



63.5111, 62.8488, 18.4586

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.



18.8247, 29.9514, 9.8297



32.5453, 29.9514, 98.6736



32.9321, 29.9514, 5.6177

Square

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



32.5453, 29.9514, 98.6736



46.6005, 29.9514, 22.6763



24.7461, 29.9514, 5.5344



15.7802, 29.9514, 45.0938

Rectangle

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



32.5453, 29.9514, 98.6736



45.1402, 29.9514, 56.2868



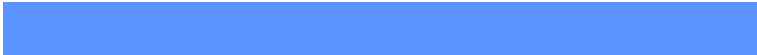
24.7461, 29.9514, 5.5344



16.5081, 29.9514, 16.7270

Sweetspot

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



32.5464, 29.9523, 98.6737



70.0422, 73.1919, 105.0436



50.0844, 77.7370, 65.3406



14.2953, 14.9037, 22.3732



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.



32.5464, 29.9523, 98.6737



26.8441, 22.3788, 97.5124



28.7454, 18.1623, 96.5984



17.5068, 18.3853, 22.8759



11.3163, 7.5421, 50.2939



1.1983, 0.9273, 4.9291

Inverse Universe

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



50.0854, 30.6492, 30.4708



46.2718, 25.5432, 21.4278



70.3197, 89.1230, 23.1711



18.2637, 18.0888, 20.0059



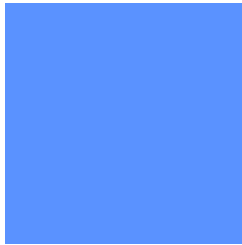
22.5001, 11.4893, 6.0182



2.2394, 1.1382, 0.8424

Previews

White Background



This preview shows how the XYZ color 32.5453, 29.9514, 98.6736 looks on a white background.

Color Contrast Check

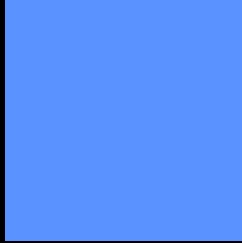
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.5453, 29.9514, 98.6736 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 × Fail

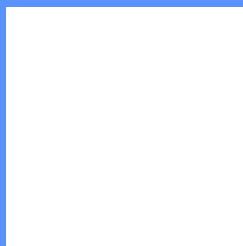
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.5453, 29.9514, 98.6736

Background



This preview shows how black text looks on a background with the XYZ color 32.5453, 29.9514, 98.6736.



This preview shows how white text looks on a background with the XYZ color 32.5453, 29.9514,

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

32.5453, 29.9514, 98.6736

Protanopia

32.9584, 29.7477, 96.9333

Deuteranopia

31.1105, 30.1617, 97.9480



Tritanopia

21.9299, 29.8426, 45.6787

Trichromacy



Original Color

32.5453, 29.9514, 98.6736

Protanomaly

32.8387, 29.8934, 97.8051

Deuteranomaly

31.5385, 30.1465, 97.9225

Tritanomaly

24.9399, 29.4824, 62.1338

Monochromacy



Original Color

32.5453, 29.9514, 98.6736

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.5381, 27.2748, 48.6656

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5453, 29.9514, 98.6736 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(90, 146, 255)` looks like.

```
.text, #text, p{  
    color:rgb(90, 146, 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(90, 146, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 146, 255) }
```

Border

The CSS property to change the border of an element to XYZ 32.5453, 29.9514, 98.6736 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(90, 146, 255) }
```


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

```
.border{ border-color:rgb(90, 146, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 146, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 146, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 146, 255);  
box-shadow:4px 4px 4px 4px rgb(90, 146,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5453, 29.9514, 98.6736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 146, 255) }
```

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

```
.background{ background-color: rgb(90, 146,  
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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