

Converting Colors

XYZ(32.1768, 30.3475, 96.9842)

Have a look what the booklet for
XYZ(32.1768, 30.3475, 96.9842)
contains.

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Color

**XYZ(32.1573, 30.2501,
97.0725)**

Conversions

Conversions Part 1

Format	Color
Hex	5694FD
RGB	86, 148, 253
RGB Percent	34%, 58%, 99%
CMY	0.6627, 0.4196, 0.0078
CMYK	0.66, 0.42, 0.00, 0.01
HSL	218°, 98%, 66%
HSV	218°, 66%, 99%
XYZ	32.1573, 30.2501, 97.0725
YIQ	141.4320, -70.6570, 19.5110

Conversions

Conversions Part 2

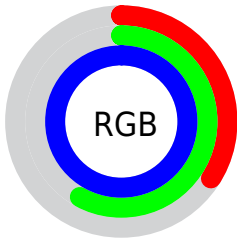
Format	Color
R _Y B	86, 131, 253
Decimal	5674237
CIE Lab	61.87, 12.76, -58.23
CIE LCh	62, 59.614, 282.360
Yxy	30.2501, 0.2016, 0.1897
Android (android.graphics.Color)	4283864317 (0xFF5694FD)
YUV	141.4320, 55.0030, -48.6139
Hunter-Lab	55.0001, 8.1147, -66.1439

Details

The XYZ color **32.1573, 30.2501, 97.0725** 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 **60.8213, 58.8206, 16.9541**, and the grayscale version is **25.2990, 26.6166, 28.9854**.

A 20% lighter version of the original color is **51.7482, 55.9451, 102.6788**, and **14.3315, 12.7209, 53.9246** is the 20% darker color. If you saturate the color by 10%, you get **27.9003, 24.6027, 96.2075**, and if you desaturate by 10%, it is **37.5836, 37.0101, 98.0920**.

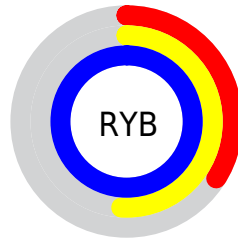
Distribution



Red (34%)

Green (58%)

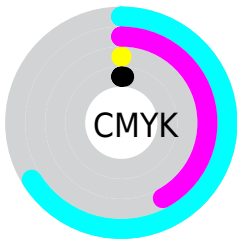
Blue (99%)



Red (34%)

Yellow (51%)

Blue (99%)

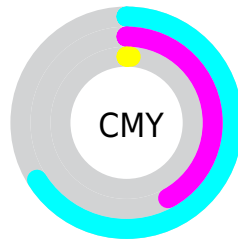


Cyan (66%)

Magenta (42%)

Yellow (0%)

Black (1%)



Cyan (66%)

Magenta (42%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1573, 30.2501, 97.0725 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 32.1573, 30.2501, 97.0725 by changing the saturation by 10% instead.

■ 32.1573, 30.2501,
97.0725

■ 32.1573, 30.2501,
97.0725

303.5678,
303.0685, 571.9317

■ 21.6378, 20.0285,
73.2547

■ 62.4211, 60.0575,
159.1449

■ 13.7061, 12.4158,
53.6912

■ 82.8962, 80.4120,
198.2366

■ 7.9969, 7.0275,
37.9633

■ 107.4205,
104.9130, 243.2566

■ 4.1447, 3.4793,
25.6526

■ 136.3593,
133.9449, 294.6236

■ 1.7843, 1.3868,
16.3405

170.0781,
167.8919, 352.7561

■ 0.5082, 0.2070,
9.6085

208.9422,

■ 0.0000, 0.0000,

207.1386, 418.0726

5.0380

253.3170,
252.0694, 490.9916

■ 0.0000, 0.0000,
2.2104

■ 0.0000, 0.0000,
0.6804

■ 32.1573, 30.2501,
97.0725

■ 32.1573, 30.2501,
97.0725

■ 27.9003, 24.6027,
96.2075

■ 37.5836, 37.0101,
98.0920

■ 24.7037, 19.9900,
95.4856

■ 44.2669, 44.9462,
99.2716

■ 22.4401, 16.3248,
94.8975

■ 52.2899, 54.1200,
100.6194

■ 21.7254, 15.0832,
94.6955

■ 61.7268, 64.5872,
102.1424

■ 72.6460, 76.3998,
103.8470

■ 85.1114, 89.6069,
105.7392

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.



24.3547, 30.2501, 94.9378



32.1573, 30.2501, 97.0725



40.3587, 30.2501, 77.1587

Triad

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



32.1573, 30.2501, 97.0725



41.6229, 30.2501, 11.3372



16.4839, 30.2501, 21.3501

Complementary

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



32.1573, 30.2501, 97.0725



60.8213, 58.8206, 16.9541

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.



19.6155, 30.2501, 9.9906



32.1573, 30.2501, 97.0725



33.6487, 30.2501, 6.3223

Square

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



32.1573, 30.2501, 97.0725



46.4632, 30.2501, 24.4101



25.5957, 30.2501, 5.9805



16.2331, 30.2501, 43.2496

Rectangle

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



32.1573, 30.2501, 97.0725



44.5708, 30.2501, 57.7725



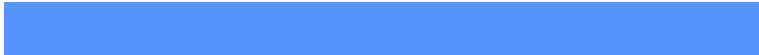
25.5957, 30.2501, 5.9805



17.2036, 30.2501, 16.4877

Sweetspot

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



32.1586, 30.2511, 97.0733



69.3215, 72.7967, 105.0053



48.1482, 75.9036, 60.2503



14.1725, 14.8612, 22.3715



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.



32.1586, 30.2511, 97.0733



27.3100, 23.5174, 97.7077



26.9420, 16.7822, 94.7485



17.5553, 18.4822, 22.8921



11.6846, 8.2787, 50.4167



1.2381, 1.0069, 4.9424

Inverse Universe

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



49.1823, 29.6781, 31.1538



46.4566, 25.4240, 22.9961



70.5795, 88.3342, 22.1365



18.2882, 18.0986, 20.1348



22.6860, 11.5637, 6.9971



2.2595, 1.1462, 0.9482

Previews

White Background



This preview shows how the XYZ color 32.1573, 30.2501, 97.0725 looks on a white background.

Color Contrast Check

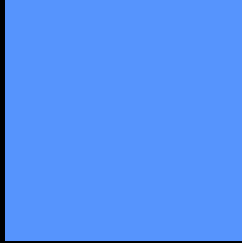
Large Text (above 18pt) WCAG AA × Fail

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 32.1573, 30.2501, 97.0725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

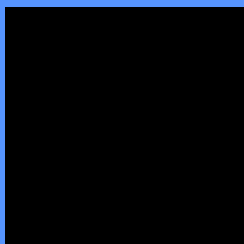
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

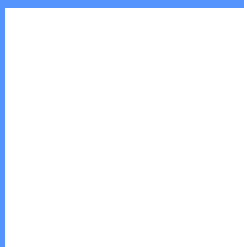
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.1573, 30.2501, 97.0725

Background



This preview shows how black text looks on a background with the XYZ color 32.1573, 30.2501, 97.0725.



This preview shows how white text looks on a background with the XYZ color 32.1573, 30.2501,

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

32.1573, 30.2501, 97.0725

Protanopia

33.0896, 30.0960, 94.5076

Deuteranopia

31.3836, 30.3210, 97.1270



Tritanopia

22.0743, 30.1586, 46.7772

Trichromacy



Original Color

32.1573, 30.2501, 97.0725

Protanomaly

32.6212, 30.0642, 95.3504

Deuteranomaly

31.6190, 30.2064, 97.0924

Tritanomaly

24.8219, 29.6737, 62.1770

Monochromacy



Original Color

32.1573, 30.2501, 97.0725

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.3019, 27.3889, 48.1563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1573, 30.2501, 97.0725 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(86, 148, 253)` looks like.

```
.text, #text, p{  
    color:rgb(86, 148, 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(86, 148, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 148, 253) }
```

Border

The CSS property to change the border of an element to XYZ 32.1573, 30.2501, 97.0725 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(86, 148, 253) }
```


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

```
.border{ border-color:rgb(86, 148, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 148, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 148, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 148, 253);  
box-shadow:4px 4px 4px 4px rgb(86, 148,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1573, 30.2501, 97.0725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 148, 253) }
```

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

```
.background{ background-color: rgb(86, 148,  
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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