

Converting Colors

XYZ(32.5115, 25.8667, 96.5653)

Have a look what the booklet for
XYZ(32.5115, 25.8667, 96.5653)
contains.

XYZ(32.3929, 25.7266, 96.1869)	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(32.3929, 25.7266,
96.1869)**

Conversions

Conversions Part 1

Format	Color
Hex	747EFD
RGB	116, 126, 253
RGB Percent	45%, 49%, 99%
CMY	0.5451, 0.5059, 0.0078
CMYK	0.54, 0.50, 0.00, 0.01
HSL	236°, 97%, 72%
HSV	236°, 54%, 99%
XYZ	32.3929, 25.7266, 96.1869
YIQ	137.4880, -46.7270, 37.3770

Conversions

Conversions Part 2

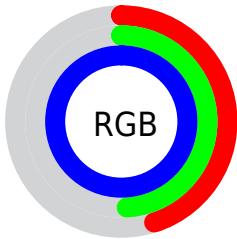
Format	Color
RYB	116, 125, 253
Decimal	7634685
CIELab	57.78, 31.25, -64.70
CIElCh	58, 71.854, 295.780
Yxy	25.7266, 0.2099, 0.1667
Android (android.graphics.Color)	4285824765 (0xFF747EFD)
YUV	137.4880, 56.9474, -18.8450
Hunter-Lab	50.7214, 25.2355, -76.9312

Details

The XYZ color **32.3929, 25.7266, 96.1869** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **75.7131, 86.2482, 29.1819**, and the grayscale version is **23.7673, 25.0050, 27.2305**.

A 20% lighter version of the original color is **52.0746, 48.6903, 101.2613**, and **13.7708, 9.9009, 52.8150** is the 20% darker color. If you saturate the color by 10%, you get **26.8205, 18.9118, 95.1658**, and if you desaturate by 10%, it is **39.5860, 34.4208, 97.4865**.

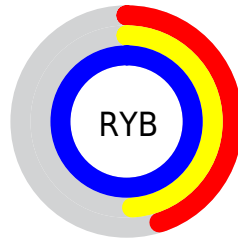
Distribution



Red (45%)

Green (49%)

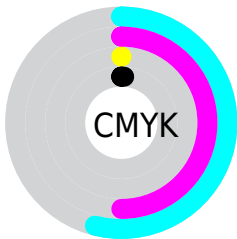
Blue (99%)



Red (45%)

Yellow (49%)

Blue (99%)

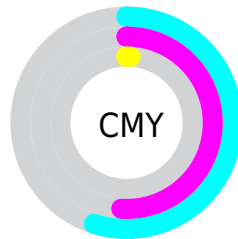


Cyan (54%)

Magenta (50%)

Yellow (0%)

Black (1%)



Cyan (55%)

Magenta (51%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3929, 25.7266, 96.1869 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 32.3929, 25.7266, 96.1869 by changing the saturation by 10% instead.

■ 32.3929, 25.7266,
96.1869

■ 32.3929, 25.7266,
96.1869

304.6188,
281.4374, 569.0389

■ 21.8188, 16.6192,
72.5209

■ 62.7876, 52.8336,
157.9130

■ 13.8397, 9.9634,
53.0949

■ 83.3388, 71.6019,
196.8102

■ 8.0902, 5.3747,
37.4903

■ 107.9465, 94.3594,
241.6215

■ 4.2050, 2.4687,
25.2885

136.9760,
121.4904, 292.7654

■ 1.8188, 0.8609,
16.0712

170.7926,
153.3793, 350.6606

■ 0.5289, 0.0000,
9.4196

209.7617,

■ 0.0000, 0.0000,

190.4105, 415.7256

4.9154

254.2486,
232.9684, 488.3788

■ 0.0000, 0.0000,
2.1398

■ 0.0000, 0.0000,
0.6393

■ 32.3929, 25.7266,
96.1869

■ 32.3929, 25.7266,
96.1869

■ 26.8205, 18.9118,
95.1658

■ 39.5860, 34.4208,
97.4865

■ 22.7394, 13.8350,
94.4010

■ 48.5093, 45.1171,
99.0808

■ 20.0057, 10.3386,
93.8702

■ 59.2663, 57.9303,
100.9870

■ 18.4451, 8.2348,
93.5464

■ 71.9518, 72.9662,
103.2206

■ 17.9536, 7.5395,
93.4381

■ 86.6538, 90.3231,
105.7960

94.7297, 99.8719,
107.2134

Harmonies

Analogous

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



23.2529, 25.7266, 107.0316



32.3929, 25.7266, 96.1869



40.8785, 25.7266, 64.0863

Triad

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



32.3929, 25.7266, 96.1869



35.0084, 25.7266, 4.2393



11.3672, 25.7266, 24.6621

Complementary

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



32.3929, 25.7266, 96.1869



75.7131, 86.2482, 29.1819

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.



13.1478, 25.7266, 8.8986



32.3929, 25.7266, 96.1869



25.6924, 25.7266, 2.3321

Square

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



32.3929, 25.7266, 96.1869



42.6206, 25.7266, 12.0230



17.9287, 25.7266, 3.3227



12.3577, 25.7266, 54.1453

Rectangle

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



32.3929, 25.7266, 96.1869



44.2959, 25.7266, 41.3655



17.9287, 25.7266, 3.3227



11.6473, 25.7266, 17.8944

Sweetspot

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



32.3940, 25.7274, 96.1876



70.6984, 71.2632, 104.6367



58.2934, 80.3502, 96.1143



14.5445, 14.5570, 22.2932



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.



32.3940, 25.7274, 96.1876



26.8810, 18.7304, 96.8063



41.2287, 28.4783, 96.2529



17.1094, 17.5905, 22.7435



9.5879, 4.0854, 49.7178



0.9688, 0.4683, 4.8526

Inverse Universe

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



50.5203, 34.8814, 23.8092



47.1991, 29.3928, 15.5860



61.0223, 83.2370, 29.3750



18.0631, 18.0086, 18.9496



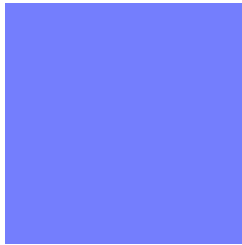
21.6277, 11.1404, 1.4242



2.1236, 1.0918, 0.2324

Previews

White Background



This preview shows how the XYZ color 32.3929, 25.7266, 96.1869 looks on a white background.

Color Contrast Check

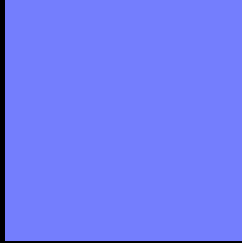
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.3929, 25.7266, 96.1869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

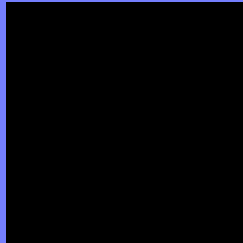
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.3929, 25.7266, 96.1869

Background



This preview shows how black text looks on a background with the XYZ color 32.3929, 25.7266, 96.1869.



This preview shows how white text looks on a background with the XYZ color 32.3929, 25.7266,

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

32.3929, 25.7266, 96.1869

Protanopia

29.5556, 25.8067, 98.0312

Deuteranopia

26.7489, 25.9538, 93.2223



Tritanopia

20.5023, 25.5569, 37.1101

Trichromacy



Original Color

32.3929, 25.7266, 96.1869

Protanomaly

30.3201, 25.6125, 97.1116

Deuteranomaly

27.3261, 25.1634, 93.8593

Tritanomaly

23.8350, 25.0841, 54.6244

Monochromacy



Original Color

32.3929, 25.7266, 96.1869

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.5775, 24.6969, 46.0667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3929, 25.7266, 96.1869 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(116, 126, 253)` looks like.

```
.text, #text, p{  
    color:rgb(116, 126, 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(116, 126, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 126, 253) }
```

Border

The CSS property to change the border of an element to XYZ 32.3929, 25.7266, 96.1869 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(116, 126, 253) }
```


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

```
.border{ border-color:rgb(116, 126, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 126, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 126, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 126, 253); box-shadow:4px 4px 4px 4px rgb(116, 126, 253) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3929, 25.7266, 96.1869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 126, 253) }
```

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

```
.background{ background-color: rgb(116,  
126, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor