

Converting Colors

XYZ(32.8777, 23.9226, 97.4924)

Have a look what the booklet for
XYZ(32.8777, 23.9226, 97.4924)
contains.

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Color

**XYZ(32.9331, 23.9935,
97.5032)**

Conversions

Conversions Part 1

Format	Color
Hex	7F73FF
RGB	127, 115, 255
RGB Percent	50%, 45%, 100%
CMY	0.5019, 0.5490, 0.0000
CMYK	0.50, 0.55, 0.00, 0.00
HSL	245°, 100%, 73%
HSV	245°, 55%, 100%
XYZ	32.9331, 23.9935, 97.5032
YIQ	134.5480, -37.7880, 46.0840

Conversions

Conversions Part 2

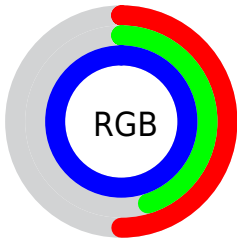
Format	Color
R _Y B	127, 115, 255
Decimal	8352767
CIE Lab	56.08, 40.49, -68.50
CIE LCh	56, 79.568, 300.588
Yxy	23.9935, 0.2133, 0.1554
Android (android.graphics.Color)	4286542847 (0xFF7F73FF)
YUV	134.5480, 59.3828, -6.6196
Hunter-Lab	48.9832, 34.2913, -83.7312

Details

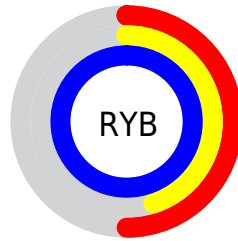
The XYZ color **32.9331, 23.9935, 97.5032** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **75.8152, 91.8117, 29.9456**, and the grayscale version is **22.6606, 23.8407, 25.9625**.

A 20% lighter version of the original color is **52.3622, 45.4222, 100.6153**, and **14.0762, 8.9844, 53.8156** is the 20% darker color. If you saturate the color by 10%, you get **27.3375, 17.3731, 96.5202**, and if you desaturate by 10%, it is **40.1380, 32.6373, 98.7919**.

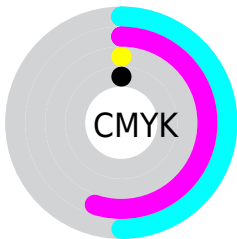
Distribution



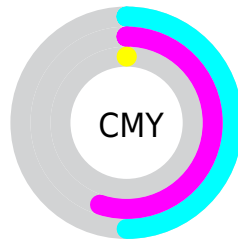
- Red (50%)
- Green (45%)
- Blue (100%)



- Red (50%)
- Yellow (45%)
- Blue (100%)



- Cyan (50%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9331, 23.9935, 97.5032 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 32.9331, 23.9935, 97.5032 by changing the saturation by 10% instead.

■ 32.9331, 23.9935,
97.5032

■ 32.9331, 23.9935,
97.5032

307.0185,
272.7876, 573.3358

■ 22.2342, 15.3288,
73.6118

■ 63.6264, 50.0196,
159.7436

■ 14.1466, 9.0505,
53.9815

■ 84.3516, 68.1498,
198.9296

■ 8.3051, 4.7741,
38.1938

■ 109.1495, 90.2039,
244.0509

■ 4.3442, 2.1153,
25.8301

■ 138.3856,
116.5664, 295.5261

■ 1.8987, 0.6732,
16.4720

172.4252,
147.6216, 353.7736

■ 0.5761, 0.0000,
9.7008

211.6336,

■ 0.0000, 0.0000,

183.7539, 419.2121

5.0980

256.3763,
225.3478, 492.2599

■ 0.0000, 0.0000,
2.2451

■ 0.0000, 0.0000,
0.7002

■ 32.9331, 23.9935,
97.5032

■ 32.9331, 23.9935,
97.5032

■ 27.3375, 17.3731,
96.5202

■ 40.1380, 32.6373,
98.7919

■ 23.2238, 12.6089,
95.8175

■ 49.0602, 43.4494,
100.4086

■ 20.4503, 9.5103,
95.3656

■ 59.8021, 56.5636,
102.3737

■ 18.8455, 7.8438,
95.1285

■ 72.4570, 72.1025,
104.7060

■ 18.3779, 7.3890,
95.0653

■ 87.1117, 90.1799,
107.4229

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.



22.9853, 23.9935, 115.2795



32.9331, 23.9935, 97.5032



41.7259, 23.9935, 59.3272

Triad

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



32.9331, 23.9935, 97.5032



32.5370, 23.9935, 2.2602



9.3887, 23.9935, 26.6429

Complementary

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



32.9331, 23.9935, 97.5032



75.8152, 91.8117, 29.9456

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.



10.6942, 23.9935, 8.4185



32.9331, 23.9935, 97.5032



22.6259, 23.9935, 1.2168

Square

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



32.9331, 23.9935, 97.5032



41.4576, 23.9935, 8.0064



15.0008, 23.9935, 2.3624



10.8030, 23.9935, 60.8807

Rectangle

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



32.9331, 23.9935, 97.5032



44.8251, 23.9935, 35.2202



15.0008, 23.9935, 2.3624



9.5193, 23.9935, 18.7479

Sweetspot

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



32.9341, 23.9942, 97.5033



70.9706, 70.2734, 104.4313



57.2709, 75.1659, 106.0977



14.6082, 14.3253, 22.2451



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.



32.9341, 23.9942, 97.5033



26.8155, 16.7622, 96.4298



47.1198, 31.3072, 98.1671



17.1473, 17.4522, 22.7148



9.6521, 3.8863, 49.6760



0.9867, 0.4026, 4.8390

Inverse Universe

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



63.5479, 39.9926, 89.1606



60.4368, 34.3531, 86.3273



56.1621, 81.6802, 29.0258



18.7215, 18.2719, 22.4167



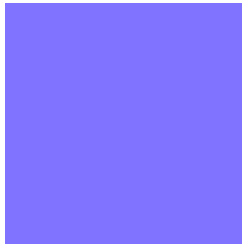
29.2720, 14.1981, 41.6785



2.8691, 1.3900, 4.1580

Previews

White Background



This preview shows how the XYZ color 32.9331, 23.9935, 97.5032 looks on a white background.

Color Contrast Check

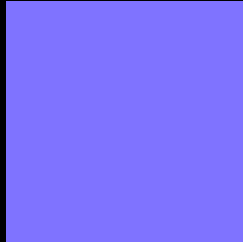
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.9331, 23.9935, 97.5032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

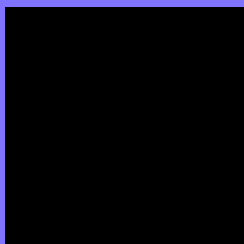
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.9331, 23.9935, 97.5032

Background



This preview shows how black text looks on a background with the XYZ color 32.9331, 23.9935, 97.5032.



This preview shows how white text looks on a background with the XYZ color 32.9331, 23.9935,

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

32.9331, 23.9935, 97.5032

Protanopia

28.0825, 24.2420, 97.8068

Deuteranopia

24.6738, 24.1826, 85.8053



Tritanopia

20.0985, 23.8365, 33.6786

Trichromacy



Original Color

32.9331, 23.9935, 97.5032

Protanomaly

29.2214, 23.8657, 97.6741

Deuteranomaly

25.4584, 22.8739, 89.4595

Tritanomaly

23.6089, 23.3460, 51.9771

Monochromacy



Original Color

32.9331, 23.9935, 97.5032

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

25.3716, 23.5985, 45.8656

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9331, 23.9935, 97.5032 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(127, 115, 255)` looks like.

```
.text, #text, p{  
    color:rgb(127, 115, 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(127, 115, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 115, 255) }
```

Border

The CSS property to change the border of an element to XYZ 32.9331, 23.9935, 97.5032 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(127, 115, 255) }
```


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

```
.border{ border-color:rgb(127, 115, 255) }
```

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

Here you see how a box with a 4 pixel rgb(127, 115, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 115, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 115, 255);  
box-shadow:4px 4px 4px 4px rgb(127, 115,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9331, 23.9935, 97.5032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 115, 255) }
```

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

```
.background{ background-color: rgb(127,  
115, 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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