

Converting Colors

XYZ(32.5608, 24.9227, 97.9244)

Have a look what the booklet for
XYZ(32.5608, 24.9227, 97.9244)
contains.

XYZ(32.4951, 24.8167, 97.6852)	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(32.4951, 24.8167,
97.6852)**

Conversions

Conversions Part 1

Format	Color
Hex	7779FF
RGB	119, 121, 255
RGB Percent	47%, 47%, 100%
CMY	0.5333, 0.5255, 0.0000
CMYK	0.53, 0.53, 0.00, 0.00
HSL	239°, 100%, 73%
HSV	239°, 53%, 100%
XYZ	32.4951, 24.8167, 97.6852
YIQ	135.6780, -44.2060, 41.2500

Conversions

Conversions Part 2

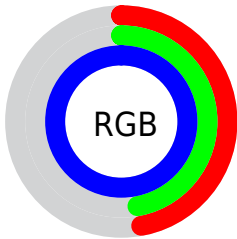
Format	Color
RYB	119, 121, 255
Decimal	7830015
CIELab	56.90, 35.41, -67.21
CIELCh	57, 75.969, 297.784
Yxy	24.8167, 0.2096, 0.1601
Android (android.graphics.Color)	4286020095 (0xFF7779FF)
YUV	135.6780, 58.8257, -14.6266
Hunter-Lab	49.8164, 29.2565, -81.3907

Details

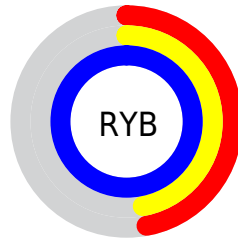
The XYZ color **32.4951, 24.8167, 97.6852** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **79.6970, 92.8457, 31.1752**, and the grayscale version is **23.0817, 24.2838, 26.4450**.

A 20% lighter version of the original color is **51.5840, 46.6908, 100.9012**, and **13.8116, 9.3960, 53.9090** is the 20% darker color. If you saturate the color by 10%, you get **26.7871, 17.9167, 96.6542**, and if you desaturate by 10%, it is **39.9387, 33.7920, 99.0252**.

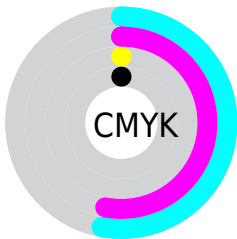
Distribution



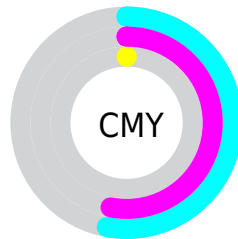
- Red (47%)
- Green (47%)
- Blue (100%)



- Red (47%)
- Yellow (47%)
- Blue (100%)



- Cyan (53%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4951, 24.8167, 97.6852 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 32.4951, 24.8167, 97.6852 by changing the saturation by 10% instead.

■ 32.4951, 24.8167,
97.6852

■ 32.4951, 24.8167,
97.6852

305.0738,
276.9239, 573.9286

■ 21.8973, 15.9405,
73.7627

■ 62.9464, 51.3597,
159.9965

■ 13.8977, 9.4821,
54.1042

■ 83.5307, 69.7953,
199.2223

■ 8.1307, 5.0569,
38.2912

■ 108.1745, 92.1863,
244.3864

■ 4.2312, 2.2807,
25.9052

137.2431,
118.9168, 295.9072

■ 1.8338, 0.7635,
16.5276

171.1020,
150.3715, 354.2033

■ 0.5379, 0.0000,
9.7399

210.1166,

■ 0.0000, 0.0000,

186.9346, 419.6932

5.1235

254.6520,
228.9906, 492.7954

■ 0.0000, 0.0000,
2.2599

■ 0.0000, 0.0000,
0.7086

■ 32.4951, 24.8167,
97.6852

■ 32.4951, 24.8167,
97.6852

■ 26.7871, 17.9167,
96.6542

■ 39.9387, 33.7920,
99.0252

■ 22.6717, 12.9238,
95.9074

■ 49.2397, 44.9883,
100.6961

■ 19.9880, 9.6477,
95.4164

■ 60.5122, 58.5407,
102.7179

■ 18.5403, 7.8573,
95.1472

■ 73.8606, 74.5730,
105.1089

■ 18.0906, 7.3012,
95.0635

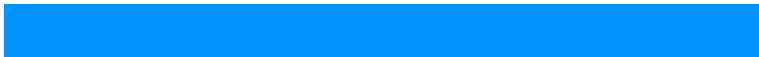
■ 89.3818, 93.2004,
107.8863

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.



22.9320, 24.8167, 111.5099



32.4951, 24.8167, 97.6852



41.2251, 24.8167, 62.4651

Triad

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



32.4951, 24.8167, 97.6852



33.9348, 24.8167, 3.1521



10.2892, 24.8167, 25.1701

Complementary

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



32.4951, 24.8167, 97.6852



79.6970, 92.8457, 31.1752

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.



11.8717, 24.8167, 8.4125



32.4951, 24.8167, 97.6852



24.2554, 24.8167, 1.6781

Square

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



32.4951, 24.8167, 97.6852



42.1927, 24.8167, 10.0121



16.4775, 24.8167, 2.7210



11.4579, 24.8167, 56.9006

Rectangle

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



32.4951, 24.8167, 97.6852



44.5716, 24.8167, 38.7723



16.4775, 24.8167, 2.7210



10.5062, 24.8167, 17.9224

Sweetspot

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



32.4961, 24.8174, 97.6853



70.0891, 70.0446, 104.4336



61.0558, 82.5172, 105.4155



14.4017, 14.2716, 22.2456



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.



32.4961, 24.8174, 97.6853



26.4637, 17.5250, 96.5956



44.5916, 30.6967, 98.1826



17.0244, 17.4204, 22.7151



9.4620, 3.8335, 49.6758



0.9285, 0.3876, 4.8392

Inverse Universe

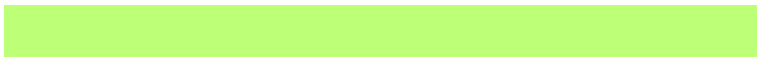
The Inverse Universe completely reimagines the original color for something new.



51.2888, 35.8356, 22.3033



47.0790, 29.6913, 13.8851



60.1434, 83.7054, 30.4416



18.0202, 17.9914, 18.7236



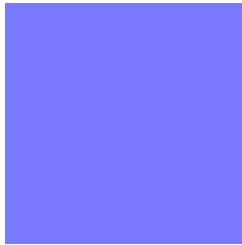
21.5642, 11.1150, 1.0894



2.1033, 1.0837, 0.1252

Previews

White Background



This preview shows how the XYZ color 32.4951, 24.8167, 97.6852 looks on a white background.

Color Contrast Check

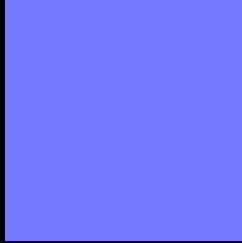
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.4951, 24.8167, 97.6852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

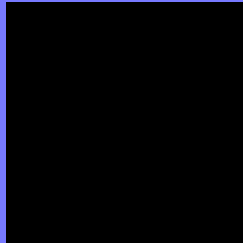
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.4951, 24.8167, 97.6852

Background



This preview shows how black text looks on a background with the XYZ color 32.4951, 24.8167, 97.6852.



This preview shows how white text looks on a background with the XYZ color 32.4951, 24.8167,

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

32.4951, 24.8167, 97.6852

Protanopia

28.8271, 25.0246, 97.9186

Deuteranopia

25.7140, 25.0578, 89.8676



Tritanopia

20.0490, 24.6636, 35.6021

Trichromacy



Original Color

32.4951, 24.8167, 97.6852

Protanomaly

29.7937, 24.7330, 97.8114

Deuteranomaly

26.3464, 23.8557, 92.8385

Tritanomaly

23.4668, 24.0552, 53.8584

Monochromacy



Original Color

32.4951, 24.8167, 97.6852

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

25.4589, 24.2331, 45.9835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4951, 24.8167, 97.6852 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(119, 121, 255)` looks like.

```
.text, #text, p{  
    color:rgb(119, 121, 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(119, 121, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 121, 255) }
```

Border

The CSS property to change the border of an element to XYZ 32.4951, 24.8167, 97.6852 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(119, 121, 255) }
```


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

```
.border{ border-color:rgb(119, 121, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 121, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 121, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 121, 255);  
box-shadow:4px 4px 4px 4px rgb(119, 121,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4951, 24.8167, 97.6852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 121, 255) }
```

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

```
.background{ background-color: rgb(119,  
121, 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](#).

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