

Converting Colors

XYZ(32.6500, 24.7423, 96.6393)

Have a look what the booklet for
XYZ(32.6500, 24.7423, 96.6393)
contains.

XYZ(32.6319, 24.7263, 96.8187)	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(32.6319, 24.7263,
96.8187)**

Conversions

Conversions Part 1

Format	Color
Hex	7A78FE
RGB	122, 120, 254
RGB Percent	48%, 47%, 100%
CMY	0.5215, 0.5294, 0.0039
CMYK	0.52, 0.53, 0.00, 0.00
HSL	241°, 99%, 73%
HSV	241°, 53%, 100%
XYZ	32.6319, 24.7263, 96.8187
YIQ	135.8740, -41.8220, 42.0980

Conversions

Conversions Part 2

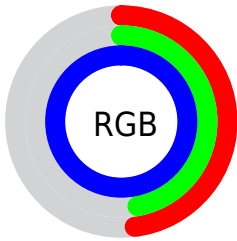
Format	Color
R _Y B	122, 120, 254
Decimal	8026366
CIE Lab	56.81, 36.28, -66.79
CIE LCh	57, 76.011, 298.512
Yxy	24.7263, 0.2117, 0.1604
Android (android.graphics.Color)	4286216446 (0xFF7A78FE)
YUV	135.8740, 58.2361, -12.1675
Hunter-Lab	49.7255, 30.1192, -80.6334

Details

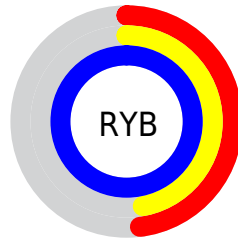
The XYZ color **32.6319, 24.7263, 96.8187** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **78.9757, 92.9348, 31.5455**, and the grayscale version is **23.1561, 24.3620, 26.5303**.

A 20% lighter version of the original color is **52.0939, 46.6701, 100.8703**, and **13.9044, 9.3619, 53.2987** is the 20% darker color. If you saturate the color by 10%, you get **26.8742, 17.8092, 95.7876**, and if you desaturate by 10%, it is **40.1136, 33.7349, 98.1638**.

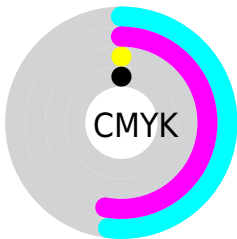
Distribution



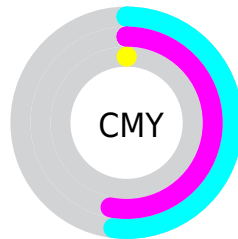
- Red (48%)
- Green (47%)
- Blue (100%)



- Red (48%)
- Yellow (47%)
- Blue (100%)



- Cyan (52%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)



- Cyan (52%)
- Magenta (53%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6319, 24.7263, 96.8187 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 32.6319, 24.7263, 96.8187 by changing the saturation by 10% instead.

■ 32.6319, 24.7263,
96.8187

■ 32.6319, 24.7263,
96.8187

305.6822,
276.4721, 571.1035

■ 22.0025, 15.8733,
73.0444

■ 63.1589, 51.2129,
158.7920

■ 13.9753, 9.4345,
53.5202

■ 83.7873, 69.6152,
197.8280

■ 8.1851, 5.0257,
37.8276

■ 108.4793, 91.9693,
242.7883

■ 4.2664, 2.2623,
25.5482

137.6004,
118.6598, 294.0915

■ 1.8539, 0.7537,
16.2632

171.5158,
150.0709, 352.1560

■ 0.5498, 0.0000,
9.5542

210.5911,

■ 0.0000, 0.0000,

186.5871, 417.4005

5.0027

255.1914,
228.5927, 490.2435

■ 0.0000, 0.0000,
2.1901

■ 0.0000, 0.0000,
0.6686

■ 32.6319, 24.7263,
96.8187

■ 32.6319, 24.7263,
96.8187

■ 26.8742, 17.8092,
95.7876

■ 40.1136, 33.7349,
98.1638

■ 22.7000, 12.8132,
95.0433

■ 49.4383, 44.9825,
99.8433

■ 19.9526, 9.5454,
94.5573

■ 60.7182, 58.6059,
101.8784

■ 18.4416, 7.7713,
94.2945

■ 74.0557, 74.7302,
104.2877

■ 17.9371, 7.1803,
94.2070

■ 89.5461, 93.4718,
107.0888

94.8895, 99.9358,
108.0548

Harmonies

Analogous

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



23.0610, 24.7263, 111.3773



32.6319, 24.7263, 96.8187



41.2786, 24.7263, 61.3980

Triad

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



32.6319, 24.7263, 96.8187



33.5970, 24.7263, 3.0458



10.2304, 24.7263, 25.6729

Complementary

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



32.6319, 24.7263, 96.8187



78.9757, 92.9348, 31.5455

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.



11.7400, 24.7263, 8.6054



32.6319, 24.7263, 96.8187



23.9477, 24.7263, 1.6553

Square

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



32.6319, 24.7263, 96.8187



41.9273, 24.7263, 9.6750



16.2562, 24.7263, 2.7583



11.4631, 24.7263, 57.6660

Rectangle

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



32.6319, 24.7263, 96.8187



44.5225, 24.7263, 37.8846



16.2562, 24.7263, 2.7583



10.4248, 24.7263, 18.3100

Sweetspot

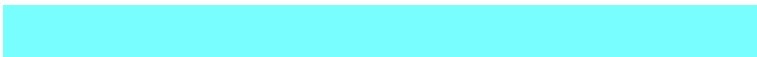
The Sweet Spot groups the original color and five complimentary colors.



32.6330, 24.7271, 96.8193



70.1159, 69.8328, 104.3913



61.0774, 82.0330, 106.3813



14.4080, 14.2221, 22.2357



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.



32.6330, 24.7271, 96.8193



26.9874, 17.8157, 96.6241



45.0999, 31.1540, 97.4028



17.0281, 17.3907, 22.7092



9.4673, 3.7911, 49.6673



0.9303, 0.3735, 4.8363

Inverse Universe

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



65.1600, 41.5322, 96.6743



62.9393, 36.3940, 96.2994



59.3260, 82.8051, 30.6259



18.7803, 18.2954, 22.7260



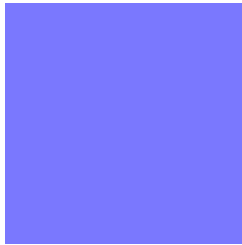
30.6679, 14.7564, 49.0289



2.9896, 1.4382, 4.7929

Previews

White Background



This preview shows how the XYZ color 32.6319, 24.7263, 96.8187 looks on a white background.

Color Contrast Check

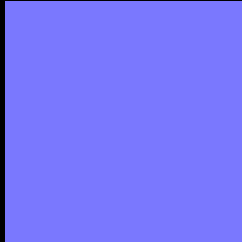
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.6319, 24.7263, 96.8187 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 32.6319, 24.7263, 96.8187

Background



This preview shows how black text looks on a background with the XYZ color 32.6319, 24.7263, 96.8187.



This preview shows how white text looks on a background with the XYZ color 32.6319, 24.7263,

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

32.6319, 24.7263, 96.8187

Protanopia

28.7555, 24.9877, 97.9153

Deuteranopia

25.4176, 24.7086, 89.0175



Tritanopia

20.1905, 24.5205, 35.1213

Trichromacy



Original Color

32.6319, 24.7263, 96.8187

Protanomaly

29.7937, 24.7330, 97.8114

Deuteranomaly

26.0983, 23.5454, 91.9761

Tritanomaly

23.6579, 23.9585, 53.2467

Monochromacy



Original Color

32.6319, 24.7263, 96.8187

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

25.4794, 24.0452, 45.9461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6319, 24.7263, 96.8187 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(122, 120, 254)` looks like.

```
.text, #text, p{  
    color:rgb(122, 120, 254)  
}
```

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(122, 120, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 120, 254) }
```

Border

The CSS property to change the border of an element to XYZ 32.6319, 24.7263, 96.8187 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(122, 120, 254) }
```


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

```
.border{ border-color:rgb(122, 120, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 120, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 120, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 120, 254);  
box-shadow:4px 4px 4px 4px rgb(122, 120,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6319, 24.7263, 96.8187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 120, 254) }
```

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

```
.background{ background-color: rgb(122,  
120, 254) }
```

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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