

Converting Colors

XYZ(32.5215, 25.4711, 97.8102)

Have a look what the booklet for
XYZ(32.5215, 25.4711, 97.8102)
contains.

XYZ(32.4601, 25.3483, 97.7896)	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(32.4601, 25.3483,
97.7896)**

Conversions

Conversions Part 1

Format	Color
Hex	747CFF
RGB	116, 124, 255
RGB Percent	45%, 49%, 100%
CMY	0.5451, 0.5137, 0.0000
CMYK	0.55, 0.51, 0.00, 0.00
HSL	237°, 100%, 73%
HSV	237°, 55%, 100%
XYZ	32.4601, 25.3483, 97.7896
YIQ	136.5420, -46.8190, 39.0450

Conversions

Conversions Part 2

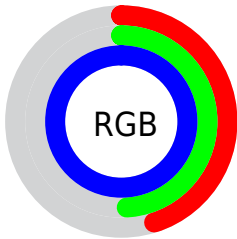
Format	Color
R _Y B	116, 124, 255
Decimal	7634175
CIE Lab	57.41, 33.06, -66.39
CIE LCh	57, 74.164, 296.471
Yxy	25.3483, 0.2086, 0.1629
Android (android.graphics.Color)	4285824255 (0xFF747CFF)
YUV	136.5420, 58.3998, -18.0153
Hunter-Lab	50.3471, 26.9762, -79.9165

Details

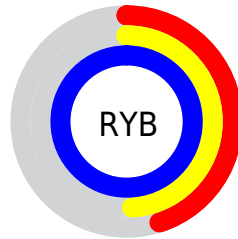
The XYZ color **32.4601, 25.3483, 97.7896** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **77.6552, 89.0460, 29.6198**, and the grayscale version is **23.4062, 24.6251, 26.8168**.

A 20% lighter version of the original color is **51.4798, 47.5008, 101.0630**, and **13.8130, 9.6917, 53.9660** is the 20% darker color. If you saturate the color by 10%, you get **26.8700, 18.5273, 96.7677**, and if you desaturate by 10%, it is **39.7162, 34.1179, 99.0999**.

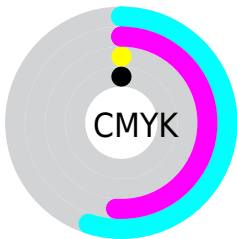
Distribution



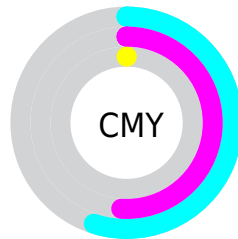
- Red (45%)
- Green (49%)
- Blue (100%)



- Red (45%)
- Yellow (49%)
- Blue (100%)



- Cyan (55%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (51%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4601, 25.3483, 97.7896 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 32.4601, 25.3483, 97.7896 by changing the saturation by 10% instead.

■ 32.4601, 25.3483,
97.7896

■ 32.4601, 25.3483,
97.7896

304.9180,
279.5681, 574.2684

■ 21.8704, 16.3367,
73.8493

■ 62.8920, 52.2217,
160.1415

■ 13.8778, 9.7628,
54.1746

■ 83.4650, 70.8523,
199.3902

■ 8.1168, 5.2419,
38.3472

■ 108.0964, 93.4581,
244.5788

■ 4.2222, 2.3899,
25.9483

137.1517,
120.4235, 296.1257

■ 1.8286, 0.8207,
16.5596

170.9961,
152.1327, 354.4496

■ 0.5348, 0.0000,
9.7624

209.9951,

■ 0.0000, 0.0000,

188.9703, 419.9690

5.1381

254.5139,
231.3206, 493.1025

■ 0.0000, 0.0000,
2.2684

■ 0.0000, 0.0000,
0.7134

■ 32.4601, 25.3483,
97.7896

■ 32.4601, 25.3483,
97.7896

■ 26.8700, 18.5273,
96.7677

■ 39.7162, 34.1179,
99.0999

■ 22.8103, 13.5039,
96.0120

■ 48.7532, 44.9671,
100.7177

■ 20.1296, 10.1085,
95.4979

■ 59.6795, 58.0182,
102.6609

■ 18.6433, 8.1377,
95.1959

■ 72.5939, 73.3835,
104.9461

■ 18.2162, 7.5523,
95.1054

■ 87.5885, 91.1673,
107.5884

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.



23.0651, 25.3483, 109.8624



32.4601, 25.3483, 97.7896



41.1528, 25.3483, 64.0062

Triad

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



32.4601, 25.3483, 97.7896



34.7134, 25.3483, 3.6949



10.8317, 25.3483, 24.7202

Complementary

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



32.4601, 25.3483, 97.7896



77.6552, 89.0460, 29.6198

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.



12.5507, 25.3483, 8.5396



32.4601, 25.3483, 97.7896



25.1506, 25.3483, 1.9752

Square

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



32.4601, 25.3483, 97.7896



42.6608, 25.3483, 11.1309



17.3032, 25.3483, 2.9673



11.8877, 25.3483, 55.3652

Rectangle

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



32.4601, 25.3483, 97.7896



44.6009, 25.3483, 40.5761



17.3032, 25.3483, 2.9673



11.0907, 25.3483, 17.7352

Sweetspot

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



32.4611, 25.3490, 97.7897



70.5361, 70.9386, 104.5826



59.5571, 81.8709, 99.6384



14.5064, 14.4809, 22.2805



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.



32.4611, 25.3490, 97.7897



26.6352, 18.2389, 96.7244



42.2543, 28.9701, 97.9725



17.0868, 17.5453, 22.7360



9.5512, 4.0120, 49.7056



0.9581, 0.4469, 4.8490

Inverse Universe

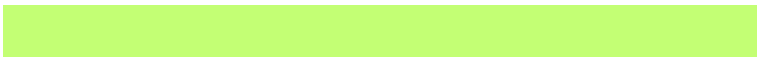
The Inverse Universe completely reimagines the original color for something new.



51.1243, 35.2076, 23.1704



47.0750, 29.3432, 14.9328



61.3590, 84.3525, 29.5728



18.0517, 18.0040, 18.8896



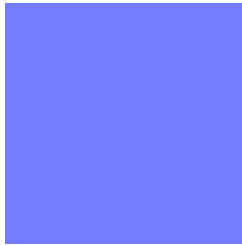
21.6092, 11.1330, 1.3266



2.1182, 1.0897, 0.2040

Previews

White Background



This preview shows how the XYZ color 32.4601, 25.3483, 97.7896 looks on a white background.

Color Contrast Check

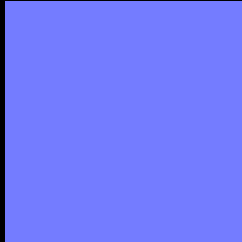
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.4601, 25.3483, 97.7896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

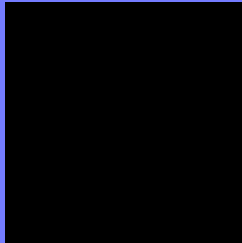
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.4601, 25.3483, 97.7896

Background



This preview shows how black text looks on a background with the XYZ color 32.4601, 25.3483, 97.7896.



This preview shows how white text looks on a background with the XYZ color 32.4601, 25.3483,

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

32.4601, 25.3483, 97.7896

Protanopia

29.1852, 25.4115, 97.9744

Deuteranopia

26.1666, 25.4716, 91.5331



Tritanopia

20.1714, 25.1645, 36.5950

Trichromacy



Original Color

32.4601, 25.3483, 97.7896

Protanomaly

30.1525, 25.3091, 97.9037

Deuteranomaly

26.7353, 24.4446, 93.7517

Tritanomaly

23.5863, 24.7400, 54.5711

Monochromacy



Original Color

32.4601, 25.3483, 97.7896

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.5427, 24.4649, 46.5560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4601, 25.3483, 97.7896 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, 124, 255)` looks like.

```
.text, #text, p{  
    color:rgb(116, 124, 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(116, 124, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 124, 255) }
```

Border

The CSS property to change the border of an element to XYZ 32.4601, 25.3483, 97.7896 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, 124, 255) }
```


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

```
.border{ border-color:rgb(116, 124, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 124, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 124, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 124, 255);  
box-shadow:4px 4px 4px 4px rgb(116, 124,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4601, 25.3483, 97.7896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 124, 255) }
```

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

```
.background{ background-color: rgb(116,  
124, 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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