

Converting Colors

XYZ(32.4188, 25.6558, 97.8507)

Have a look what the booklet for
XYZ(32.4188, 25.6558, 97.8507)
contains.

XYZ(32.4503, 25.7191, 97.8617)	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(32.4503, 25.7191,
97.8617)**

Conversions

Conversions Part 1

Format	Color
Hex	727EFF
RGB	114, 126, 255
RGB Percent	45%, 49%, 100%
CMY	0.5529, 0.5059, 0.0000
CMYK	0.55, 0.51, 0.00, 0.00
HSL	235°, 100%, 72%
HSV	235°, 55%, 100%
XYZ	32.4503, 25.7191, 97.8617
YIQ	137.1180, -48.5610, 37.5750

Conversions

Conversions Part 2

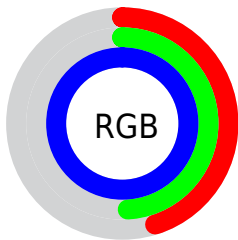
Format	Color
RYB	114, 125, 255
Decimal	7503615
CIELab	57.77, 31.49, -65.82
CIELCh	58, 72.966, 295.565
Yxy	25.7191, 0.2080, 0.1648
Android (android.graphics.Color)	4285693695 (0xFF727EFF)
YUV	137.1180, 58.1158, -20.2745
Hunter-Lab	50.7140, 25.4671, -78.9108

Details

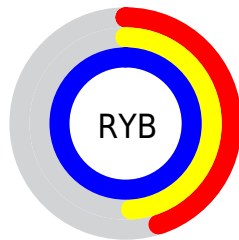
The XYZ color **32.4503, 25.7191, 97.8617** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **76.3301, 86.5799, 28.6103**, and the grayscale version is **23.6240, 24.8542, 27.0663**.

A 20% lighter version of the original color is **51.8493, 48.5742, 101.2507**, and **13.8141, 9.8969, 54.0055** is the 20% darker color. If you saturate the color by 10%, you get **26.9402, 18.9546, 96.8464**, and if you desaturate by 10%, it is **39.5824, 34.3528, 99.1523**.

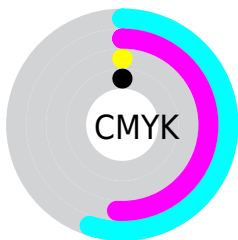
Distribution



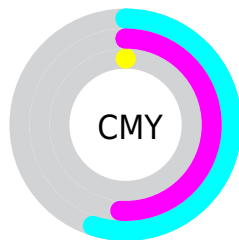
- Red (45%)
- Green (49%)
- Blue (100%)



- 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 32.4503, 25.7191, 97.8617 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 32.4503, 25.7191, 97.8617 by changing the saturation by 10% instead.

■ 32.4503, 25.7191,
97.8617

■ 32.4503, 25.7191,
97.8617

304.8744,
281.4004, 574.5031

■ 21.8629, 16.6136,
73.9091

■ 62.8768, 52.8214,
160.2417

■ 13.8722, 9.9594,
54.2233

■ 83.4466, 71.5871,
199.5062

■ 8.1130, 5.3720,
38.3858

■ 108.0746, 94.3416,
244.7116

■ 4.2197, 2.4672,
25.9781

137.1260,
121.4693, 296.2766

■ 1.8272, 0.8601,
16.5816

170.9664,
153.3546, 354.6198

■ 0.5340, 0.0000,
9.7779

209.9610,

■ 0.0000, 0.0000,

190.3820, 420.1595

5.1483

254.4752,
232.9358, 493.3144

■ 0.0000, 0.0000,
2.2743

■ 0.0000, 0.0000,
0.7167

■ 32.4503, 25.7191,
97.8617

■ 32.4503, 25.7191,
97.8617

■ 26.9402, 18.9546,
96.8464

■ 39.5824, 34.3528,
99.1523

■ 22.9209, 13.9181,
96.0861

■ 48.4475, 44.9780,
100.7359

■ 20.2459, 10.4519,
95.5581

■ 59.1505, 57.7094,
102.6292

■ 18.7367, 8.3681,
95.2354

■ 71.7872, 72.6524,
104.8475

■ 18.3311, 7.7821,
95.1437

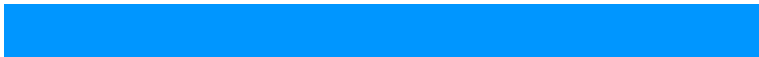
■ 86.4464, 89.9050,
107.4049

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.



23.1670, 25.7191, 108.7783



32.4503, 25.7191, 97.8617



41.1175, 25.7191, 65.0533

Triad

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



32.4503, 25.7191, 97.8617



35.2493, 25.7191, 4.0951



11.2130, 25.7191, 24.4401

Complementary

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



32.4503, 25.7191, 97.8617



76.3301, 86.5799, 28.6103

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.



13.0267, 25.7191, 8.6356



32.4503, 25.7191, 97.8617



25.7697, 25.7191, 2.1962

Square

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



32.4503, 25.7191, 97.8617



42.9854, 25.7191, 11.9295



17.8785, 25.7191, 3.1454



12.1900, 25.7191, 54.3759

Rectangle

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



32.4503, 25.7191, 97.8617



44.6325, 25.7191, 41.8176



17.8785, 25.7191, 3.1454



11.5014, 25.7191, 17.6259

Sweetspot

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



32.4513, 25.7199, 97.8618



69.4871, 69.9381, 104.4448



58.5627, 81.4428, 95.7748



14.3103, 14.3049, 22.2568



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.



32.4513, 25.7199, 97.8618



26.6078, 18.5425, 96.7844



40.7332, 27.8474, 97.8360



17.1272, 17.6260, 22.7494



9.6208, 4.1512, 49.7288



0.9772, 0.4850, 4.8554

Inverse Universe

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



51.0241, 34.8026, 23.7673



46.9737, 28.9678, 15.4318



62.2456, 84.8229, 29.0135



18.0721, 18.0121, 18.9968



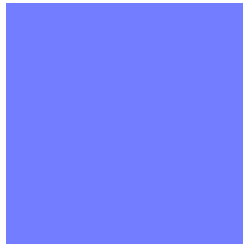
21.6443, 11.1470, 1.5116



2.1278, 1.0935, 0.2546

Previews

White Background



This preview shows how the XYZ color 32.4503, 25.7191, 97.8617 looks on a white background.

Color Contrast Check

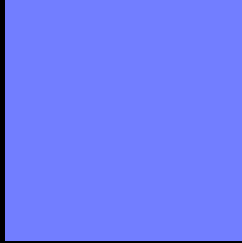
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.4503, 25.7191, 97.8617 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 32.4503, 25.7191, 97.8617

Background



This preview shows how black text looks on a background with the XYZ color 32.4503, 25.7191, 97.8617.



This preview shows how white text looks on a background with the XYZ color 32.4503, 25.7191,

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

32.4503, 25.7191, 97.8617

Protanopia

29.5556, 25.8067, 98.0312

Deuteranopia

26.6238, 25.8893, 93.2164



Tritanopia

20.4049, 25.7304, 37.6092

Trichromacy



Original Color

32.4503, 25.7191, 97.8617

Protanomaly

30.3827, 25.6263, 97.9528

Deuteranomaly

27.1312, 25.0448, 94.6709

Tritanomaly

23.7888, 25.2652, 55.2526

Monochromacy



Original Color

32.4503, 25.7191, 97.8617

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.6790, 24.7375, 46.6014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4503, 25.7191, 97.8617 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(114, 126, 255)` looks like.

```
.text, #text, p{  
    color:rgb(114, 126, 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(114, 126, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 126, 255) }
```

Border

The CSS property to change the border of an element to XYZ 32.4503, 25.7191, 97.8617 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(114, 126, 255) }
```


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

```
.border{ border-color:rgb(114, 126, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 126, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 126, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 126, 255);  
box-shadow:4px 4px 4px 4px rgb(114, 126,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4503, 25.7191, 97.8617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 126, 255) }
```

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

```
.background{ background-color: rgb(114,  
126, 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