

Converting Colors

XYZ(26.0496, 25.4501, 51.1164)

Have a look what the booklet for
XYZ(26.0496, 25.4501, 51.1164)
contains.

XYZ(26.0496, 25.4501, 51.1164)	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(26.0496, 25.4501,
51.1164)**

Conversions

Conversions Part 1

Format	Color
Hex	7B88BC
RGB	123, 136, 188
RGB Percent	48%, 53%, 74%
CMY	0.5176, 0.4667, 0.2627
CMYK	0.35, 0.28, 0.00, 0.26
HSL	228°, 33%, 61%
HSV	228°, 35%, 74%
XYZ	26.0496, 25.4501, 51.1164
YIQ	138.0410, -24.4400, 13.4160

Conversions

Conversions Part 2

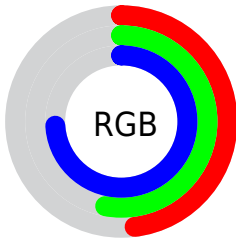
Format	Color
R_{YB}	123, 134, 188
Decimal	8095932
CIE _{Lab}	57.51, 7.92, -28.70
CIE _{LCh}	58, 29.770, 285.433
Yxy	25.4501, 0.2539, 0.2480
Android (android.graphics.Color)	4286286012 (0xFF7B88BC)
YUV	138.0410, 24.6298, -13.1910
Hunter-Lab	50.4481, 3.8869, -24.7618

Details

The XYZ color **26.0496, 25.4501, 51.1164** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **39.6447, 42.7818, 24.9079**, and the grayscale version is **24.0895, 25.3440, 27.5996**.

A 20% lighter version of the original color is **52.6582, 52.2740, 92.9024**, and **10.2294, 9.7164, 23.8906** is the 20% darker color. If you saturate the color by 10%, you get **21.6425, 20.2517, 50.3458**, and if you desaturate by 10%, it is **31.2721, 31.5111, 52.0115**.

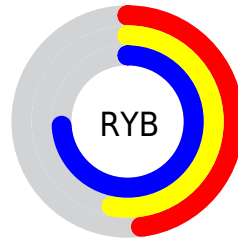
Distribution



Red (48%)

Green (53%)

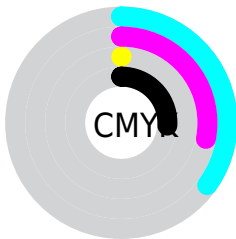
Blue (74%)



Red (48%)

Yellow (53%)

Blue (74%)

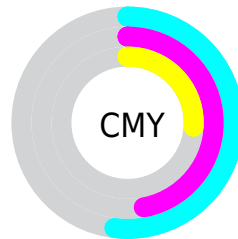


Cyan (35%)

Magenta (28%)

Yellow (0%)

Black (26%)



Cyan (52%)

Magenta (47%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0496, 25.4501, 51.1164 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 26.0496, 25.4501, 51.1164 by changing the saturation by 10% instead.

■ 26.0496, 25.4501,
51.1164

■ 26.0496, 25.4501,
51.1164

275.2777,
280.0721, 407.8753

■ 16.9936, 16.4127,
35.9239

■ 52.7857, 52.3865,
93.2401

■ 10.3252, 9.8167,
24.0862

■ 71.1965, 71.0543,
121.0083

■ 5.6790, 5.2776,
15.1848

■ 93.4563, 93.7010,
153.8055

■ 2.6897, 2.4110,
8.8011

119.9305,
120.7110, 192.0503

■ 0.9919, 0.8316,
4.5166

150.9843,
152.4687, 236.1611

■ 0.0000, 0.0000,
1.9128

186.9833,

■ 0.0000, 0.0000,

189.3585, 286.5565

0.5009

228.2926,
231.7649, 343.6551

■ 0.0000, 0.0000,
0.0000

■ 26.0496, 25.4501,
51.1164

■ 26.0496, 25.4501,
51.1164

■ 21.6425, 20.2517,
50.3458

■ 31.2721, 31.5111,
52.0115

■ 18.0062, 15.8732,
49.6923

■ 37.3464, 38.4692,
53.0344

■ 15.0958, 12.2723,
49.1506

■ 44.3096, 46.3602,
54.1905

■ 12.8604, 9.4017,
48.7143

■ 52.1960, 55.2174,
55.4845

■ 11.2422, 7.2086,
48.3763

■ 61.0379, 65.0722,
56.9206

■ 10.1727, 5.6322,
48.1284

■ 70.8662, 75.9546,
58.5031

■ 9.7576, 4.9918,
48.0267

■ 81.7102, 87.8935,
60.2360

■ 86.0772, 96.4109,
61.6499

Harmonies

Analogous

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



22.5149, 25.4501, 51.2313



26.0496, 25.4501, 51.1164



29.3793, 25.4501, 43.7961

Triad

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



26.0496, 25.4501, 51.1164



29.2965, 25.4501, 15.9978



18.1726, 25.4501, 23.0840

Complementary

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



26.0496, 25.4501, 51.1164



39.6447, 42.7818, 24.9079

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.



19.6501, 25.4501, 16.1427



26.0496, 25.4501, 51.1164



25.9453, 25.4501, 12.7829

Square

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



26.0496, 25.4501, 51.1164



31.3749, 25.4501, 22.8328



22.4202, 25.4501, 12.8285



18.1946, 25.4501, 33.2384

Rectangle

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



26.0496, 25.4501, 51.1164



30.9353, 25.4501, 36.6478



22.4202, 25.4501, 12.8285



18.5035, 25.4501, 20.3595

Sweetspot

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



26.0505, 25.4511, 51.1170



73.0468, 75.8134, 97.0097



33.7841, 43.2307, 46.5662



15.3334, 15.8778, 20.7991



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.0505, 25.4511, 51.1170



41.3944, 39.2811, 91.6265



27.2163, 23.4969, 50.6784



9.1669, 9.5262, 12.0278



6.6865, 3.4848, 32.7131



0.3085, 0.2297, 1.2969

Inverse Universe

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



32.2666, 26.6357, 26.7341



54.3719, 42.1528, 40.6328



38.0466, 45.8968, 25.5934



9.6061, 9.5667, 10.3148



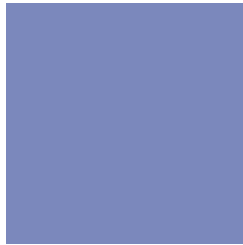
14.3758, 7.3815, 2.0067



0.5866, 0.2985, 0.2025

Previews

White Background



This preview shows how the XYZ color 26.0496, 25.4501, 51.1164 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 26.0496, 25.4501, 51.1164 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

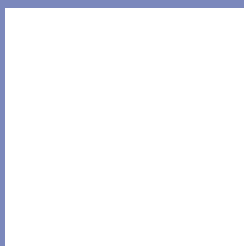
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.0496, 25.4501, 51.1164

Background



This preview shows how black text looks on a background with the XYZ color 26.0496, 25.4501, 51.1164.



This preview shows how white text looks on a background with the XYZ color 26.0496, 25.4501,

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

26.0496, 25.4501, 51.1164

Protanopia

26.0496, 25.4501, 51.1164

Deuteranopia

26.0496, 25.4501, 51.1164



Tritanopia

22.5760, 25.3239, 34.2700

Trichromacy



Original Color

26.0496, 25.4501, 51.1164

Protanomaly

26.0496, 25.4501, 51.1164

Deuteranomaly

26.0496, 25.4501, 51.1164

Tritanomaly

23.7322, 25.3609, 39.7207

Monochromacy



Original Color

26.0496, 25.4501, 51.1164

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.6193, 25.2782, 35.0341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0496, 25.4501, 51.1164 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(123, 136, 188)` looks like.

```
.text, #text, p{  
    color:rgb(123, 136, 188)  
}
```

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(123, 136, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 136, 188) }
```

Border

The CSS property to change the border of an element to XYZ 26.0496, 25.4501, 51.1164 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(123, 136, 188) }
```


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

```
.border{ border-color:rgb(123, 136, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 136, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 136, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 136, 188);  
box-shadow:4px 4px 4px 4px rgb(123, 136,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0496, 25.4501, 51.1164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 136, 188) }
```

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

```
.background{ background-color: rgb(123,  
136, 188) }
```

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