

# Converting Colors

XYZ(26.1251, 25.6740, 52.2938)

Have a look what the booklet for  
XYZ(26.1251, 25.6740, 52.2938)  
contains.

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# Color

**XYZ(26.1251, 25.6740,  
52.2938)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7989BE
RGB	121, 137, 190
RGB Percent	47%, 54%, 75%
CMY	0.5255, 0.4627, 0.2549
CMYK	0.36, 0.28, 0.00, 0.25
HSL	226°, 35%, 61%
HSV	226°, 36%, 75%
XYZ	26.1251, 25.6740, 52.2938
YIQ	138.2580, -26.5490, 13.0910

# Conversions

## Conversions Part 2

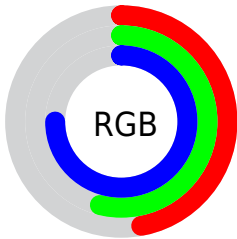
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 134, 190
Decimal	7965118
CIE <sub>Lab</sub>	57.73, 7.31, -29.51
CIE <sub>LCh</sub>	58, 30.402, 283.911
Yxy	25.6740, 0.2510, 0.2466
Android (android.graphics.Color)	4286155198 (0xFF7989BE)
YUV	138.2580, 25.5088, -15.1353
Hunter-Lab	50.6695, 3.3626, -25.7220

# Details

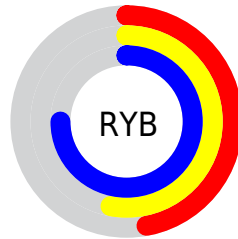
The XYZ color **26.1251, 25.6740, 52.2938** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **39.8231, 42.6004, 24.2140**, and the grayscale version is **24.1696, 25.4283, 27.6914**.

A 20% lighter version of the original color is **52.8812, 52.6563, 95.3722**, and **10.3064, 9.8592, 24.6524** is the 20% darker color. If you saturate the color by 10%, you get **21.7840, 20.5623, 51.5364**, and if you desaturate by 10%, it is **31.2730, 31.6193, 53.1705**.

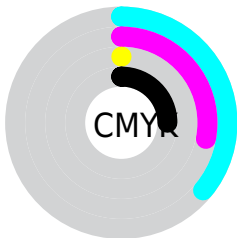
# Distribution



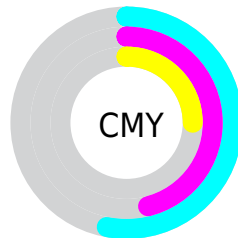
- Red (47%)
- Green (54%)
- Blue (75%)



- Red (47%)
- Yellow (53%)
- Blue (75%)



- Cyan (36%)
- Magenta (28%)
- Yellow (0%)
- Black (25%)



- Cyan (53%)
- Magenta (46%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1251, 25.6740, 52.2938 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 26.1251, 25.6740, 52.2938 by changing the saturation by 10% instead.



■ 26.1251, 25.6740,  
52.2938

■ 26.1251, 25.6740,  
52.2938

275.6411,  
281.1781, 412.5590

■ 17.0504, 16.5799,  
36.8555

■ 52.9066, 52.7486,  
94.9954

■ 10.3660, 9.9354,  
24.8007

■ 71.3440, 71.4978,  
123.0957

■ 5.7064, 5.3562,  
15.7110

■ 93.6332, 94.2343,  
156.2537

■ 2.7063, 2.4577,  
9.1677

120.1393,  
121.3423, 194.8881

■ 1.0004, 0.8554,  
4.7524

151.2278,  
153.2063, 239.4172

■ 0.0000, 0.0000,  
2.0466

187.2641,

■ 0.0000, 0.0000,

190.2107, 290.2597

0.5837

228.6134,  
232.7398, 347.8341

■ 0.0000, 0.0000,  
0.0000

■ 26.1251, 25.6740,  
52.2938

■ 26.1251, 25.6740,  
52.2938

■ 21.7840, 20.5623,  
51.5364

■ 31.2730, 31.6193,  
53.1705

■ 18.2049, 16.2428,  
50.8913

■ 37.2641, 38.4310,  
54.1695

■ 15.3426, 12.6752,  
50.3535

■ 44.1355, 46.1436,  
55.2960

■ 13.1457, 9.8138,  
49.9170

■ 51.9215, 54.7891,  
56.5544

■ 11.5556, 7.6077,  
49.5750

■ 60.6544, 64.3975,  
57.9488

■ 10.4987, 5.9963,  
49.3197

■ 70.3651, 74.9977,  
59.4830

■ 10.1972, 5.5234,  
49.2443

■ 81.0828, 86.6174,  
61.1609

■ 85.8990, 95.7070,  
62.6616

■ 86.2943, 96.4977,  
62.7934

# Harmonies

## Analogous

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



22.5124, 25.6740, 51.9947



26.1251, 25.6740, 52.2938



29.5890, 25.6740, 45.0374

# Triad

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



26.1251, 25.6740, 52.2938



29.8036, 25.6740, 16.2237



18.2727, 25.6740, 22.7562

# Complementary

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



26.1251, 25.6740, 52.2938



39.8231, 42.6004, 24.2140

# 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.



19.8603, 25.6740, 15.8514



26.1251, 25.6740, 52.2938



26.3952, 25.6740, 12.7721

# Square

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



26.1251, 25.6740, 52.2938



31.8514, 25.6740, 23.4045



22.7571, 25.6740, 12.6553



18.2159, 25.6740, 33.0592



# Rectangle

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



26.1251, 25.6740, 52.2938



31.2483, 25.6740, 37.7358



22.7571, 25.6740, 12.6553



18.6374, 25.6740, 20.0290

# Sweetspot

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



26.1260, 25.6750, 52.2944



73.7197, 76.6129, 99.1815



33.9296, 43.9446, 46.6878



15.8156, 16.4050, 21.7182



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138



# Same Dimension

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



26.1260, 25.6750, 52.2944



40.6407, 38.6470, 93.5968



26.8469, 22.9169, 51.7240



9.1913, 9.5748, 12.0359



6.8312, 3.7742, 32.7613



0.3191, 0.2509, 1.3005



# Inverse Universe

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



32.5887, 26.4290, 27.0516



54.3226, 40.8346, 40.0238



38.7909, 46.9334, 25.1047



9.6184, 9.5717, 10.3794



14.4489, 7.4107, 2.3913

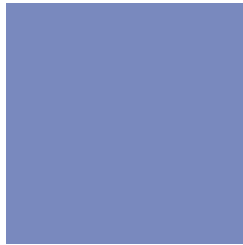


0.5920, 0.3007, 0.2306



# Previews

## White Background



This preview shows how the XYZ color 26.1251, 25.6740, 52.2938 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 26.1251, 25.6740, 52.2938 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 26.1251, 25.6740, 52.2938**

## **Background**



This preview shows how black text looks on a background with the XYZ color 26.1251, 25.6740, 52.2938.



This preview shows how white text looks on a background with the XYZ color 26.1251, 25.6740,



# 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

26.1251, 25.6740, 52.2938

### Protanopia

26.4083, 25.8200, 52.3071

### Deuteranopia

26.2660, 25.7466, 52.3004



## Tritanopia

22.6997, 25.8238, 34.7984

# Trichromacy



## Original Color

26.1251, 25.6740, 52.2938

## Protanomaly

26.2660, 25.7466, 52.3004

## Deuteranomaly

26.2660, 25.7466, 52.3004

## Tritanomaly

23.7952, 25.5899, 40.7310

# Monochromacy



## Original Color

26.1251, 25.6740, 52.2938

## Achromatopsia

24.1572, 25.4152, 27.6772

## Achromatomaly

24.6900, 25.5168, 35.5222

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 26.1251, 25.6740, 52.2938 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(121, 137, 190)` looks like.

```
.text, #text, p{  
    color:rgb(121, 137, 190)  
}
```

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(121, 137, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 137, 190) }
```

## Border

The CSS property to change the border of an element to XYZ 26.1251, 25.6740, 52.2938 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(121, 137, 190) }
```



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

```
.border{ border-color:rgb(121, 137, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 137, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 137, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 137, 190);  
box-shadow:4px 4px 4px 4px rgb(121, 137,  
190) }
```

# Background

The CSS property to change the background color of an element to XYZ 26.1251, 25.6740, 52.2938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 137, 190) }
```

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

```
.background{ background-color: rgb(121,  
137, 190) }
```

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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