

Converting Colors

XYZ(26.5711, 22.4646, 57.5816)

Have a look what the booklet for
XYZ(26.5711, 22.4646, 57.5816)
contains.

XYZ(26.5019, 22.4284, 57.5759)	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(26.5019, 22.4284,
57.5759)**

Conversions

Conversions Part 1	
Format	Color
Hex	8378C8
RGB	131, 120, 200
RGB Percent	51%, 47%, 78%
CMY	0.4863, 0.5294, 0.2157
CMYK	0.34, 0.40, 0.00, 0.22
HSL	248°, 42%, 63%
HSV	248°, 40%, 78%
XYZ	26.5019, 22.4284, 57.5759
YIQ	132.4090, -19.1240, 27.2120

Conversions

Conversions Part 2

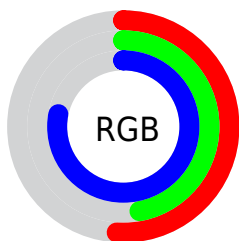
Format	Color
RYB	131, 120, 200
Decimal	8616136
CIELab	54.48, 22.86, -40.21
CIELCh	54, 46.260, 299.619
Yxy	22.4284, 0.2488, 0.2106
Android (android.graphics.Color)	4286806216 (0xFF8378C8)
YUV	132.4090, 33.3224, -1.2357
Hunter-Lab	47.3586, 17.0110, -38.9303

Details

The XYZ color **26.5019, 22.4284, 57.5759** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **45.0310, 53.4838, 25.7201**, and the grayscale version is **21.9688, 23.1129, 25.1699**.

A 20% lighter version of the original color is **53.0522, 47.1642, 100.9152**, and **10.5834, 8.2015, 28.2194** is the 20% darker color. If you saturate the color by 10%, you get **21.8902, 16.8459, 56.7418**, and if you desaturate by 10%, it is **32.0624, 29.2466, 58.5993**.

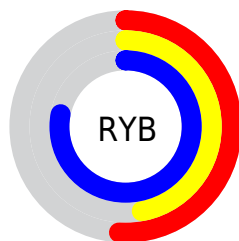
Distribution



Red (51%)

Green (47%)

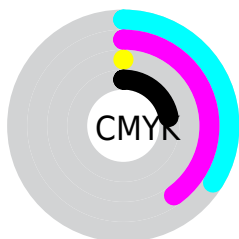
Blue (78%)



Red (51%)

Yellow (47%)

Blue (78%)

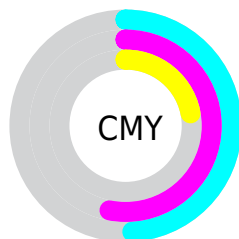


Cyan (34%)

Magenta (40%)

Yellow (0%)

Black (22%)



Cyan (49%)


Magenta (53%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5019, 22.4284, 57.5759 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 26.5019, 22.4284, 57.5759 by changing the saturation by 10% instead.

 26.5019, 22.4284,
57.5759


 26.5019, 22.4284,
57.5759


277.4490,
264.7754, 433.1578

 17.3341, 14.1720,
41.0554


 53.5091, 47.4530,
102.8137

 10.5698, 8.2404,
28.0423


 72.0792, 64.9901,
132.3680

 5.8435, 4.2492,
18.1182


 94.5142, 86.3895,
167.1040

 2.7899, 1.8139,
10.8646

121.1793,
112.0356, 207.4402

 1.0437, 0.4958,
5.8628

152.4400,
142.3129, 253.7951

 0.0000, 0.0000,
2.6944


188.6617,

 0.0000, 0.0000,


177.6056, 306.5873


0.9406


230.2095,
218.2984, 366.2354


 0.0000, 0.0000,
0.0000


 26.5019, 22.4284,
57.5759


 26.5019, 22.4284,
57.5759

 21.8902, 16.8459,
56.7418


 32.0624, 29.2466,
58.5993


 18.1713, 12.4220,
56.0840


 38.6185, 37.3660,
59.8210


 15.2870, 9.0753,
55.5900

 46.2168, 46.8507,
61.2512

 13.1711, 6.7122,
55.2454

 54.9004, 57.7597,
62.8992

 11.7470, 5.2229,
55.0330

 64.7097, 70.1484,
64.7734

■ 10.8909, 4.4102,
54.9212

■ 75.6831, 84.0696,
66.8821

■ 10.8908, 4.4101,
54.9212

■ 86.2405, 96.3393,
68.6940

■ 87.4254, 96.9502,
68.7494

Harmonies

Analogous

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



21.2528, 22.4284, 64.2748



26.5019, 22.4284, 57.5759



30.8707, 22.4284, 41.4162

Triad

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



26.5019, 22.4284, 57.5759



26.6318, 22.4284, 7.3971



12.9869, 22.4284, 24.2357

Complementary

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



26.5019, 22.4284, 57.5759



45.0310, 53.4838, 25.7201

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.



13.9716, 22.4284, 12.8568



26.5019, 22.4284, 57.5759



21.3823, 22.4284, 5.8009

Square

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



26.5019, 22.4284, 57.5759



30.9537, 22.4284, 13.0673



16.8576, 22.4284, 7.3137



13.9228, 22.4284, 40.9611

Rectangle

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



26.5019, 22.4284, 57.5759



32.4030, 22.4284, 29.7990



16.8576, 22.4284, 7.3137



13.1016, 22.4284, 19.7320

Sweetspot

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



26.5027, 22.4292, 57.5764



77.0014, 77.3402, 105.4775



36.4411, 44.7026, 61.3518



16.0971, 16.0735, 22.5040



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.



26.5027, 22.4292, 57.5764



38.8562, 30.3160, 98.4114



33.8645, 26.2244, 57.9210



10.1901, 10.3563, 13.3794



6.9695, 2.8272, 34.9227



0.3753, 0.1572, 1.6557

Inverse Universe

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



39.7217, 29.3871, 51.7228



65.0303, 44.1087, 86.1052



36.5004, 49.0861, 25.3209



11.0179, 10.7906, 13.0778



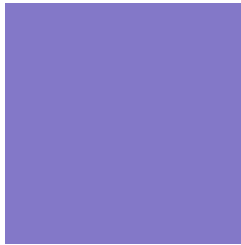
19.9350, 9.7236, 25.9312



0.9617, 0.4675, 1.3215

Previews

White Background



This preview shows how the XYZ color 26.5019, 22.4284, 57.5759 looks on a white background.

Color Contrast Check

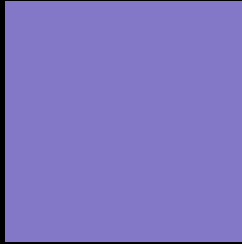
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5019, 22.4284, 57.5759 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 26.5019, 22.4284, 57.5759

Background



This preview shows how black text looks on a background with the XYZ color 26.5019, 22.4284, 57.5759.



This preview shows how white text looks on a background with the XYZ color 26.5019, 22.4284,

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

26.5019, 22.4284, 57.5759

Protanopia

24.2372, 22.6527, 62.1264

Deuteranopia

23.2127, 22.6392, 56.5724



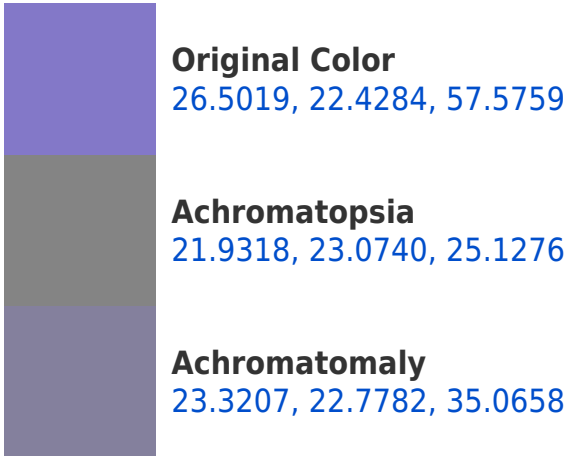
Tritanopia

20.8169, 22.4076, 29.2145

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5019, 22.4284, 57.5759 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(131, 120, 200)` looks like.

```
.text, #text, p{  
    color:rgb(131, 120, 200)  
}
```

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(131, 120, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 120, 200) }
```

Border

The CSS property to change the border of an element to XYZ 26.5019, 22.4284, 57.5759 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(131, 120, 200) }
```


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

```
.border{ border-color:rgb(131, 120, 200) }
```

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

Here you see how a box with a 4 pixel rgb(131, 120, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 120, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 120, 200);  
box-shadow:4px 4px 4px 4px rgb(131, 120,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5019, 22.4284, 57.5759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 120, 200) }
```

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

```
.background{ background-color: rgb(131,  
120, 200) }
```

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