

Converting Colors

XYZ(26.8790, 22.5264, 52.5946)

Have a look what the booklet for
XYZ(26.8790, 22.5264, 52.5946)
contains.

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Color

**XYZ(26.9265, 22.5749,
52.8074)**

Conversions

Conversions Part 1

Format	Color
Hex	8C77C0
RGB	140, 119, 192
RGB Percent	55%, 47%, 75%
CMY	0.4510, 0.5333, 0.2471
CMYK	0.27, 0.38, 0.00, 0.25
HSL	257°, 37%, 61%
HSV	257°, 38%, 75%
XYZ	26.9265, 22.5749, 52.8074
YIQ	133.6010, -10.9170, 27.1550

Conversions

Conversions Part 2

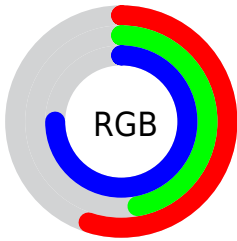
Format	Color
RYB	140, 119, 192
Decimal	9205696
CIELab	54.63, 23.94, -35.36
CIELCh	55, 42.698, 304.100
Yxy	22.5749, 0.2632, 0.2207
Android (android.graphics.Color)	4287395776 (0xFF8C77C0)
YUV	133.6010, 28.7907, 5.6119
Hunter-Lab	47.5131, 18.0113, -32.6375

Details

The XYZ color **26.9265, 22.5749, 52.8074** is a light color, and the websafe version is hex **666699**. A complement of this color would be **38.9745, 47.6896, 24.6045**, and the grayscale version is **22.4152, 23.5826, 25.6814**.

A 20% lighter version of the original color is **54.1675, 47.5675, 95.9490**, and **10.8021, 8.2900, 25.0756** is the 20% darker color. If you saturate the color by 10%, you get **22.7051, 17.3428, 52.0204**, and if you desaturate by 10%, it is **31.8976, 28.8796, 53.7627**.

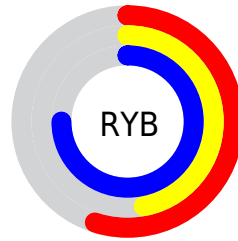
Distribution



Red (55%)

Green (47%)

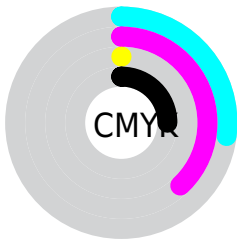
Blue (75%)



Red (55%)

Yellow (47%)

Blue (75%)

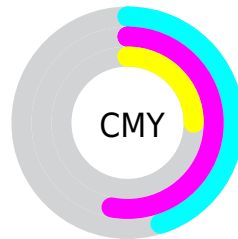


Cyan (27%)

Magenta (38%)

Yellow (0%)

Black (25%)



Cyan (45%)

Magenta (53%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9265, 22.5749, 52.8074 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 26.9265, 22.5749, 52.8074 by changing the saturation by 10% instead.

■ 26.9265, 22.5749,
52.8074

■ 26.9265, 22.5749,
52.8074

279.4751,
265.5340, 414.5911

■ 17.6543, 14.2799,
37.2624

■ 54.1866, 47.6944,
95.7596

■ 10.8003, 8.3156,
25.1133

■ 72.9053, 65.2877,
124.0038

■ 5.9990, 4.2976,
15.9417

■ 95.5035, 86.7492,
157.3182

■ 2.8851, 1.8414,
9.3290

122.3466,
112.4633, 196.1212

■ 1.0933, 0.5128,
4.8567

153.8000,
142.8145, 240.8315

■ 0.0195, 0.0000,
2.1061

190.2289,

■ 0.0000, 0.0000,

178.1870, 291.8675

0.6194

231.9989,
218.9654, 349.6479

■ 0.0000, 0.0000,
0.0000

■ 26.9265, 22.5749,
52.8074

■ 26.9265, 22.5749,
52.8074

■ 22.7051, 17.3428,
52.0204

■ 31.8976, 28.8796,
53.7627

■ 19.1925, 13.1193,
51.3903

■ 37.6514, 36.3106,
54.8938

■ 16.3474, 9.8375,
50.9068

■ 44.2220, 44.9212,
56.2095

■ 14.1229, 7.4213,
50.5577

■ 51.6406, 54.7603,
57.7176

■ 12.4651, 5.7818,
50.3286

■ 59.9368, 65.8742,
59.4256

■ 11.2974, 4.7862,
50.1980

■ 69.1386, 78.3067,
61.3403

■ 11.1029, 4.6247,
50.1770

■ 79.2728, 92.0995,
63.4684

■ 84.4898, 95.5420,
63.8580

■ 86.5145, 96.5858,
63.9527

Harmonies

Analogous

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



22.1087, 22.5749, 60.4395



26.9265, 22.5749, 52.8074



30.6455, 22.5749, 37.6918

Triad

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



26.9265, 22.5749, 52.8074



25.6467, 22.5749, 7.8866



13.6530, 22.5749, 26.4754

Complementary

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



26.9265, 22.5749, 52.8074



38.9745, 47.6896, 24.6045

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.



14.3172, 22.5749, 14.9280



26.9265, 22.5749, 52.8074



20.8178, 22.5749, 6.7589

Square

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



26.9265, 22.5749, 52.8074



29.8342, 22.5749, 12.7476



16.7830, 22.5749, 8.7850



14.8157, 22.5749, 42.1116

Rectangle

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



26.9265, 22.5749, 52.8074



31.7478, 22.5749, 27.3350



16.7830, 22.5749, 8.7850



13.6713, 22.5749, 22.0171

Sweetspot

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



26.9273, 22.5758, 52.8079



76.2058, 76.2328, 101.0582



31.7457, 36.9740, 55.3331



15.9948, 15.8901, 21.6094



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.



26.9273, 22.5758, 52.8079



42.0478, 32.5353, 94.4241



34.0579, 26.2517, 53.1416



9.7944, 9.8852, 12.6766



7.5386, 3.1467, 33.7667



0.3960, 0.1722, 1.4622

Inverse Universe

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



35.6863, 27.3412, 41.9250



60.5473, 42.6193, 70.5652



32.1423, 44.1675, 24.2847



10.3698, 10.1965, 12.0377



17.6896, 8.7656, 16.8092



0.7929, 0.3902, 0.8767

Previews

White Background



This preview shows how the XYZ color 26.9265, 22.5749, 52.8074 looks on a white background.

Color Contrast Check

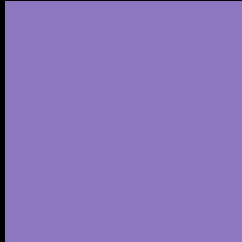
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9265, 22.5749, 52.8074 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 26.9265, 22.5749, 52.8074

Background



This preview shows how black text looks on a background with the XYZ color 26.9265, 22.5749, 52.8074.



This preview shows how white text looks on a background with the XYZ color 26.9265, 22.5749,

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

26.9265, 22.5749, 52.8074

Protanopia

23.9702, 22.6117, 57.7447

Deuteranopia

23.3403, 22.8088, 51.8876



Tritanopia

21.9222, 22.6045, 28.0186

Trichromacy



Original Color

26.9265, 22.5749, 52.8074

Protanomaly

24.8829, 22.5500, 55.8644

Deuteranomaly

24.4726, 22.6052, 52.3636

Tritanomaly

23.5504, 22.4932, 35.9013

Monochromacy



Original Color

26.9265, 22.5749, 52.8074

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.9200, 23.3013, 34.2472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9265, 22.5749, 52.8074 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(140, 119, 192)` looks like.

```
.text, #text, p{  
    color:rgb(140, 119, 192)  
}
```

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(140, 119, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 119, 192) }
```

Border

The CSS property to change the border of an element to XYZ 26.9265, 22.5749, 52.8074 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(140, 119, 192) }
```


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

```
.border{ border-color:rgb(140, 119, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 119, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 119, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 119, 192);  
box-shadow:4px 4px 4px 4px rgb(140, 119,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9265, 22.5749, 52.8074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 119, 192) }
```

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

```
.background{ background-color: rgb(140,  
119, 192) }
```

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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