

Converting Colors

XYZ(26.9011, 22.9298, 55.6898)

Have a look what the booklet for
XYZ(26.9011, 22.9298, 55.6898)
contains.

XYZ(26.9071, 22.8569, 55.8170)	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(26.9071, 22.8569,
55.8170)**

Conversions

Conversions Part 1

Format	Color
Hex	8779C5
RGB	135, 121, 197
RGB Percent	53%, 47%, 77%
CMY	0.4706, 0.5255, 0.2274
CMYK	0.31, 0.39, 0.00, 0.23
HSL	251°, 40%, 62%
HSV	251°, 39%, 77%
XYZ	26.9071, 22.8569, 55.8170
YIQ	133.8500, -16.0520, 26.6040

Conversions

Conversions Part 2

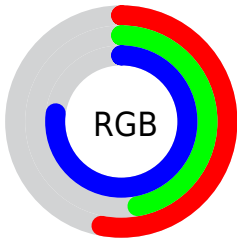
Format	Color
RYB	135, 121, 197
Decimal	8878533
CIELab	54.92, 22.60, -37.78
CIElCh	55, 44.024, 300.883
Yxy	22.8569, 0.2548, 0.2165
Android (android.graphics.Color)	4287068613 (0xFF8779C5)
YUV	133.8500, 31.1330, 1.0086
Hunter-Lab	47.8089, 16.7952, -35.7550

Details

The XYZ color **26.9071, 22.8569, 55.8170** is a light color, and the websafe version is hex **666699**. A complement of this color would be **42.9464, 51.3807, 25.7440**, and the grayscale version is **22.4993, 23.6710, 25.7777**.

A 20% lighter version of the original color is **54.0682, 47.9900, 100.1792**, and **10.7550, 8.4117, 27.0434** is the 20% darker color. If you saturate the color by 10%, you get **22.3596, 17.3146, 54.9873**, and if you desaturate by 10%, it is **32.3354, 29.5798, 56.8290**.

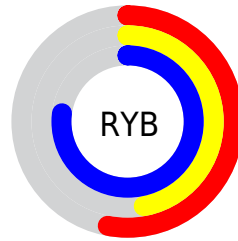
Distribution



Red (53%)

Green (47%)

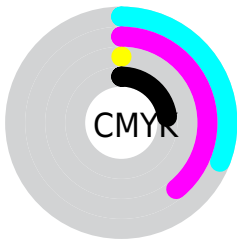
Blue (77%)



Red (53%)

Yellow (47%)

Blue (77%)

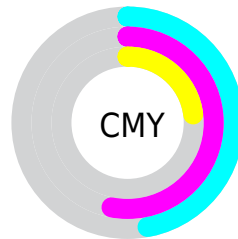


Cyan (31%)

Magenta (39%)

Yellow (0%)

Black (23%)



Cyan (47%)

Magenta (53%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9071, 22.8569, 55.8170 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 26.9071, 22.8569, 55.8170 by changing the saturation by 10% instead.

■ 26.9071, 22.8569,
55.8170

■ 26.9071, 22.8569,
55.8170

279.3828,
266.9892, 426.3704

■ 17.6397, 14.4879,
39.6532

■ 54.1557, 48.1583,
100.2201

■ 10.7897, 8.4608,
26.9565

■ 72.8676, 65.8594,
129.2965

■ 5.9919, 4.3912,
17.3084

■ 95.4584, 87.4400,
163.5141

■ 2.8808, 1.8947,
10.2904

122.2934,
113.2845, 203.2916

■ 1.0910, 0.5452,
5.4838

153.7380,
143.7772, 249.0474

■ 0.0176, 0.0000,
2.4702

190.1575,

■ 0.0000, 0.0000,

179.3027, 301.2001

0.8243

231.9173,
220.2452, 360.1683

■ 0.0000, 0.0000,
0.0000

■ 26.9071, 22.8569,
55.8170

■ 26.9071, 22.8569,
55.8170

■ 22.3596, 17.3146,
54.9873

■ 32.3354, 29.5798,
56.8290

■ 18.6431, 12.8814,
54.3275

■ 38.6858, 37.5440,
58.0315

■ 15.7063, 9.4820,
53.8261

■ 46.0000, 46.8091,
59.4343

■ 13.4912, 7.0306,
53.4697

■ 54.3162, 57.4300,
61.0461

■ 11.9310, 5.4268,
53.2424

■ 63.6706, 69.4585,
62.8748

■ 10.9293, 4.5152,
53.1192

■ 74.0977, 82.9436,
64.9281

■ 10.8159, 4.4116,
53.1052

■ 84.3724, 95.4164,
66.7941

■ 87.0781, 96.8112,
66.9207

Harmonies

Analogous

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



21.8698, 22.8569, 62.5989



26.9071, 22.8569, 55.8170



30.9990, 22.8569, 40.3916

Triad

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



26.9071, 22.8569, 55.8170



26.6192, 22.8569, 8.0161



13.6268, 22.8569, 25.3038

Complementary

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



26.9071, 22.8569, 55.8170



42.9464, 51.3807, 25.7440

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.



14.5137, 22.8569, 13.9654



26.9071, 22.8569, 55.8170



21.5805, 22.8569, 6.5249

Square

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



26.9071, 22.8569, 55.8170



30.8161, 22.8569, 13.4830



17.2547, 22.8569, 8.2124



14.6245, 22.8569, 41.3906

Rectangle

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



26.9071, 22.8569, 55.8170



32.3718, 22.8569, 29.3939



17.2547, 22.8569, 8.2124



13.7131, 22.8569, 20.8666

Sweetspot

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



26.9079, 22.8578, 55.8175



77.4583, 77.5757, 105.4989



34.9111, 41.9913, 59.0889



16.2038, 16.1285, 22.5090



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.



26.9079, 22.8578, 55.8175



41.4548, 32.7135, 98.7372



34.1350, 26.5834, 56.1558



10.2359, 10.3799, 13.3815



7.1661, 2.9285, 34.9319



0.3962, 0.1680, 1.6567

Inverse Universe

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



38.4112, 28.9647, 48.3664



65.0495, 45.2566, 82.6913



35.1069, 47.3394, 25.3771



10.9960, 10.7818, 12.9625



19.3883, 9.5049, 23.0524



0.9404, 0.4590, 1.2095

Previews

White Background



This preview shows how the XYZ color 26.9071, 22.8569, 55.8170 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 26.9071, 22.8569, 55.8170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

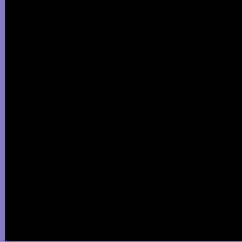
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.9071, 22.8569, 55.8170

Background



This preview shows how black text looks on a background with the XYZ color 26.9071, 22.8569, 55.8170.



This preview shows how white text looks on a background with the XYZ color 26.9071, 22.8569,

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

26.9071, 22.8569, 55.8170

Protanopia

24.4583, 23.0032, 60.2777

Deuteranopia

23.5601, 23.0563, 54.8383



Tritanopia

21.5214, 22.7708, 29.2475

Trichromacy



Original Color

26.9071, 22.8569, 55.8170

Protanomaly

25.0737, 22.7836, 58.3345

Deuteranomaly

24.6234, 22.8091, 55.3294

Tritanomaly

23.2321, 22.6719, 37.8020

Monochromacy



Original Color

26.9071, 22.8569, 55.8170

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.7676, 23.2032, 35.1243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9071, 22.8569, 55.8170 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(135, 121, 197)` looks like.

```
.text, #text, p{  
    color:rgb(135, 121, 197)  
}
```

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(135, 121, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 121, 197) }
```

Border

The CSS property to change the border of an element to XYZ 26.9071, 22.8569, 55.8170 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(135, 121, 197) }
```


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

```
.border{ border-color:rgb(135, 121, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 121, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 121, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 121, 197);  
box-shadow:4px 4px 4px 4px rgb(135, 121,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9071, 22.8569, 55.8170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 121, 197) }
```

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

```
.background{ background-color: rgb(135,  
121, 197) }
```

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