

Converting Colors

XYZ(26.4237, 22.7029, 51.5363)

Have a look what the booklet for
XYZ(26.4237, 22.7029, 51.5363)
contains.

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Color

**XYZ(26.4482, 22.7108,
51.7049)**

Conversions

Conversions Part 1

Format	Color
Hex	8979BE
RGB	137, 121, 190
RGB Percent	54%, 47%, 75%
CMY	0.4627, 0.5255, 0.2549
CMYK	0.28, 0.36, 0.00, 0.25
HSL	254°, 35%, 61%
HSV	254°, 36%, 75%
XYZ	26.4482, 22.7108, 51.7049
YIQ	133.6500, -12.6130, 24.8510

Conversions

Conversions Part 2

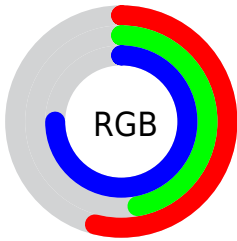
Format	Color
R _Y B	137, 121, 190
Decimal	9009598
CIE Lab	54.77, 21.37, -34.01
CIE LCh	55, 40.169, 302.145
Yxy	22.7108, 0.2622, 0.2252
Android (android.graphics.Color)	4287199678 (0xFF8979BE)
YUV	133.6500, 27.7805, 2.9379
Hunter-Lab	47.6558, 15.6668, -30.9684

Details

The XYZ color **26.4482, 22.7108, 51.7049** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **39.3206, 47.2065, 25.1293**, and the grayscale version is **22.4371, 23.6056, 25.7065**.

A 20% lighter version of the original color is **53.4703, 47.8090, 94.4056**, and **10.5076, 8.3436, 24.3492** is the 20% darker color. If you saturate the color by 10%, you get **22.1300, 17.3884, 50.9056**, and if you desaturate by 10%, it is **31.5464, 29.1112, 52.6720**.

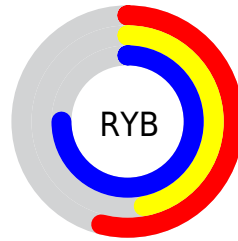
Distribution



Red (54%)

Green (47%)

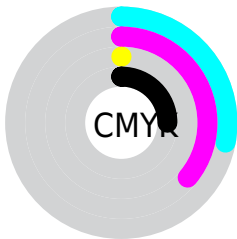
Blue (75%)



Red (54%)

Yellow (47%)

Blue (75%)

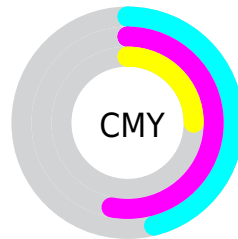


Cyan (28%)

Magenta (36%)

Yellow (0%)

Black (25%)



Cyan (46%)

Magenta (53%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4482, 22.7108, 51.7049 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 26.4482, 22.7108, 51.7049 by changing the saturation by 10% instead.

■ 26.4482, 22.7108,
51.7049

■ 26.4482, 22.7108,
51.7049

277.1919,
266.2361, 410.2208

■ 17.2937, 14.3801,
36.3893

■ 53.4233, 47.9180,
94.1180

■ 10.5407, 8.3855,
24.4429

■ 71.9746, 65.5633,
122.0526

■ 5.8239, 4.3426,
15.4473

■ 94.3888, 87.0823,
155.0306

■ 2.7779, 1.8670,
8.9838

121.0314,
112.8594, 193.4706

■ 1.0374, 0.5284,
4.6339

152.2676,
143.2789, 237.7911

■ 0.0000, 0.0000,
1.9792

188.4629,

■ 0.0000, 0.0000,

178.7253, 288.4105

0.5424

229.9825,
219.5829, 345.7476

■ 0.0000, 0.0000,
0.0000

■ 26.4482, 22.7108,
51.7049

■ 26.4482, 22.7108,
51.7049

■ 22.1300, 17.3884,
50.9056

■ 31.5464, 29.1112,
52.6720

■ 18.5496, 13.0811,
50.2629

■ 37.4589, 36.6426,
53.8141

■ 15.6644, 9.7235,
49.7669

■ 44.2210, 45.3574,
55.1398

■ 13.4263, 7.2410,
49.4056

■ 51.8650, 55.3042,
56.6568

■ 11.7803, 5.5477,
49.1656

■ 60.4216, 66.5286,
58.3724

■ 10.6582, 4.5337,
49.0290

■ 69.9201, 79.0742,
60.2933

■ 10.3356, 4.2545,
48.9921

■ 80.3882, 92.9821,
62.4261

■ 85.8379, 96.2624,
62.7720

■ 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.



21.9066, 22.7108, 58.0408



26.4482, 22.7108, 51.7049



30.0369, 22.7108, 37.9839

Triad

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



26.4482, 22.7108, 51.7049



25.8203, 22.7108, 8.8112



14.1368, 22.7108, 25.6534

Complementary

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



26.4482, 22.7108, 51.7049



39.3206, 47.2065, 25.1293

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.



14.8904, 22.7108, 14.9827



26.4482, 22.7108, 51.7049



21.2684, 22.7108, 7.4718

Square

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



26.4482, 22.7108, 51.7049



29.6409, 22.7108, 13.8776



17.3594, 22.7108, 9.2786



15.1410, 22.7108, 40.1305

Rectangle

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



26.4482, 22.7108, 51.7049



31.1829, 22.7108, 28.2183



17.3594, 22.7108, 9.2786



14.1927, 22.7108, 21.5384

Sweetspot

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



26.4490, 22.7117, 51.7054



73.9786, 74.2395, 98.7097



32.5198, 38.4627, 54.4257



15.8783, 15.8300, 21.6039



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.



26.4490, 22.7117, 51.7054



41.2644, 32.9288, 92.4601



32.8073, 25.9895, 52.0030



9.2180, 9.3293, 11.9871



6.9311, 2.8592, 32.5795



0.3309, 0.1426, 1.2789

Inverse Universe

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



35.7131, 27.6786, 43.5049



60.8439, 43.4432, 74.3645



32.7734, 43.8313, 24.8229



9.8327, 9.6574, 11.5082



17.5983, 8.6705, 18.9762



0.7129, 0.3490, 0.8671

Previews

White Background



This preview shows how the XYZ color 26.4482, 22.7108, 51.7049 looks on a white background.

Color Contrast Check

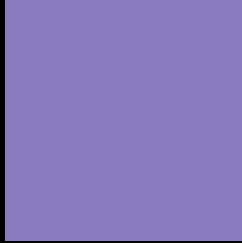
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4482, 22.7108, 51.7049 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 26.4482, 22.7108, 51.7049

Background



This preview shows how black text looks on a background with the XYZ color 26.4482, 22.7108, 51.7049.



This preview shows how white text looks on a background with the XYZ color 26.4482, 22.7108,

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

26.4482, 22.7108, 51.7049

Protanopia

23.9984, 22.8742, 55.3749

Deuteranopia

23.3664, 22.8473, 50.7554



Tritanopia

21.6764, 22.6677, 28.4321

Trichromacy



Original Color

26.4482, 22.7108, 51.7049

Protanomaly

24.8062, 22.7387, 54.1205

Deuteranomaly

24.3824, 22.7748, 51.2550

Tritanomaly

23.2075, 22.5072, 35.9221

Monochromacy



Original Color

26.4482, 22.7108, 51.7049

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.6747, 23.1845, 33.7991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4482, 22.7108, 51.7049 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(137, 121, 190)` looks like.

```
.text, #text, p{  
    color:rgb(137, 121, 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(137, 121, 190) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 26.4482, 22.7108, 51.7049 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(137, 121, 190) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 26.4482, 22.7108, 51.7049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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