

Converting Colors

XYZ(26.2967, 21.8530, 47.0884)

Have a look what the booklet for
XYZ(26.2967, 21.8530, 47.0884)
contains.

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Color

**XYZ(26.3659, 21.8879,
47.0911)**

Conversions

Conversions Part 1

Format	Color
Hex	9174B6
RGB	145, 116, 182
RGB Percent	57%, 45%, 71%
CMY	0.4314, 0.5451, 0.2863
CMYK	0.20, 0.36, 0.00, 0.29
HSL	266°, 31%, 58%
HSV	266°, 36%, 71%
XYZ	26.3659, 21.8879, 47.0911
YIQ	132.1950, -3.9020, 26.6740

Conversions

Conversions Part 2

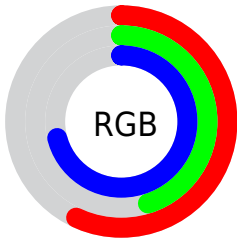
Format	Color
R _Y B	145, 116, 182
Decimal	9532598
CIE Lab	53.91, 24.76, -30.72
CIE LCh	54, 39.456, 308.875
Yxy	21.8879, 0.2765, 0.2296
Android (android.graphics.Color)	4287722678 (0xFF9174B6)
YUV	132.1950, 24.5539, 11.2300
Hunter-Lab	46.7845, 18.7227, -26.9294

Details

The XYZ color **26.3659, 21.8879, 47.0911** is a light color, and the websafe version is hex **996699**. A complement of this color would be **33.0178, 41.4897, 22.7920**, and the grayscale version is **21.9183, 23.0597, 25.1120**.

A 20% lighter version of the original color is **53.2547, 46.4577, 87.0493**, and **10.4838, 7.9264, 21.7463** is the 20% darker color. If you saturate the color by 10%, you get **22.7521, 17.2102, 46.3790**, and if you desaturate by 10%, it is **30.5537, 27.4726, 47.9487**.

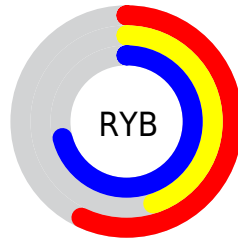
Distribution



Red (57%)

Green (45%)

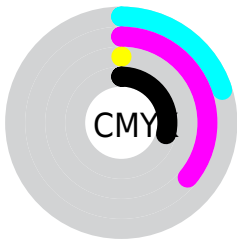
Blue (71%)



Red (57%)

Yellow (45%)

Blue (71%)

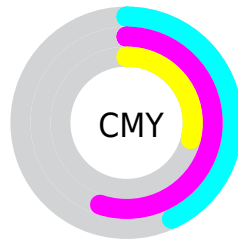


Cyan (20%)

Magenta (36%)

Yellow (0%)

Black (29%)



Cyan (43%)

Magenta (55%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3659, 21.8879, 47.0911 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 26.3659, 21.8879, 47.0911 by changing the saturation by 10% instead.

■ 26.3659, 21.8879,
47.0911

■ 26.3659, 21.8879,
47.0911

276.7975,
261.9603, 391.5823

■ 17.2317, 13.7746,
32.7528

■ 53.2918, 46.5607,
87.2010

■ 10.4961, 7.9640,
21.6676

■ 71.8141, 63.8888,
113.8097

■ 5.7939, 4.0719,
13.4169

■ 94.1965, 85.0574,
145.3456

■ 2.7596, 1.7139,
7.5821

■ 120.8044,
110.4508, 182.2273

■ 1.0280, 0.4326,
3.7448

152.0031,
140.4534, 224.8732

■ 0.0000, 0.0000,
1.4864

188.1580,

■ 0.0000, 0.0000,

175.4496, 273.7020

0.2078

229.6343,
215.8238, 329.1322

■ 0.0000, 0.0000,
0.0000

■ 26.3659, 21.8879,
47.0911

■ 26.3659, 21.8879,
47.0911

■ 22.7521, 17.2102,
46.3790

■ 30.5537, 27.4726,
47.9487

■ 19.6817, 13.3863,
45.8028

■ 35.3394, 34.0081,
48.9579

■ 17.1245, 10.3619,
45.3538

■ 40.7483, 41.5384,
50.1264

■ 15.0458, 8.0744,
45.0218

■ 46.8034, 50.1038,
51.4605

■ 13.4059, 6.4518,
44.7951

■ 53.5266, 59.7427,
52.9667

■ 12.1542, 5.3999,
44.6580

■ 60.9386, 70.4912,
54.6507

■ 11.7493, 5.0816,
44.6179

■ 69.0592, 82.3838,
56.5182

■ 75.7645, 91.1677,
57.8602

■ 79.0718, 92.8727,
58.0150

Harmonies

Analogous

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



22.0902, 21.8879, 55.2420



26.3659, 21.8879, 47.0911



29.3958, 21.8879, 33.3016

Triad

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



26.3659, 21.8879, 47.0911



23.8903, 21.8879, 7.9884



13.7290, 21.8879, 27.6284

Complementary

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



26.3659, 21.8879, 47.0911



33.0178, 41.4897, 22.7920

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.



14.0740, 21.8879, 16.3531



26.3659, 21.8879, 47.0911



19.5683, 21.8879, 7.3807

Square

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



26.3659, 21.8879, 47.0911



27.8366, 21.8879, 11.9543



16.0847, 21.8879, 9.8604



15.0681, 21.8879, 41.7460

Rectangle

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



26.3659, 21.8879, 47.0911



30.0907, 21.8879, 24.2947



16.0847, 21.8879, 9.8604



13.6562, 21.8879, 23.3756

Sweetspot

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



26.3667, 21.8888, 47.0916



68.9035, 68.3560, 89.7981



27.1035, 30.0048, 48.6193



14.9286, 14.6944, 19.7711



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.3667, 21.8888, 47.0916



42.1790, 32.3870, 84.2640



32.9579, 25.2867, 47.4001



8.8855, 8.9073, 11.3304



8.3709, 3.6266, 31.5119



0.3664, 0.1646, 1.1142

Inverse Universe

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



31.2872, 24.7366, 33.2634



52.7730, 38.5267, 54.1191



27.6823, 38.7391, 22.5423



9.2097, 9.0943, 10.4518



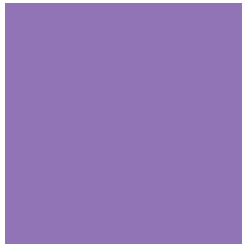
15.3520, 7.7145, 9.7402



0.5717, 0.2842, 0.5042

Previews

White Background



This preview shows how the XYZ color 26.3659, 21.8879, 47.0911 looks on a white background.

Color Contrast Check

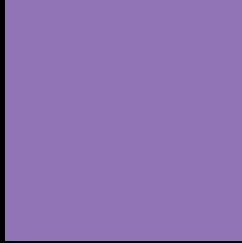
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3659, 21.8879, 47.0911 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 26.3659, 21.8879, 47.0911

Background



This preview shows how black text looks on a background with the XYZ color 26.3659, 21.8879, 47.0911.



This preview shows how white text looks on a background with the XYZ color 26.3659, 21.8879,

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

26.3659, 21.8879, 47.0911

Protanopia

23.0567, 22.0661, 52.3342

Deuteranopia

22.5097, 21.9188, 46.2244



Tritanopia

22.1506, 21.9893, 25.9986

Trichromacy



Original Color

26.3659, 21.8879, 47.0911

Protanomaly

24.0452, 21.8617, 50.5294

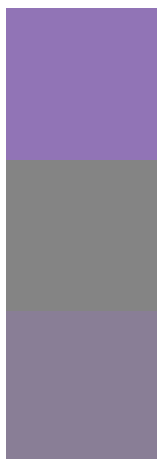
Deuteranomaly

23.7356, 21.7872, 46.6704

Tritanomaly

23.4422, 21.7615, 32.6706

Monochromacy



Original Color

26.3659, 21.8879, 47.0911

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.2824, 22.4421, 31.9588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3659, 21.8879, 47.0911 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(145, 116, 182)` looks like.

```
.text, #text, p{  
    color:rgb(145, 116, 182)  
}
```

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(145, 116, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 116, 182) }
```

Border

The CSS property to change the border of an element to XYZ 26.3659, 21.8879, 47.0911 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(145, 116, 182) }
```


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

```
.border{ border-color:rgb(145, 116, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 116, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 116, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 116, 182);  
box-shadow:4px 4px 4px 4px rgb(145, 116,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3659, 21.8879, 47.0911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 116, 182) }
```

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

```
.background{ background-color: rgb(145,  
116, 182) }
```

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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