

Converting Colors

XYZ(25.9695, 21.7452, 49.4854)

Have a look what the booklet for
XYZ(25.9695, 21.7452, 49.4854)
contains.

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Color

**XYZ(26.0394, 21.8432,
49.2981)**

Conversions

Conversions Part 1

Format	Color
Hex	8C75BA
RGB	140, 117, 186
RGB Percent	55%, 46%, 73%
CMY	0.4510, 0.5412, 0.2706
CMYK	0.25, 0.37, 0.00, 0.27
HSL	260°, 33%, 59%
HSV	260°, 37%, 73%
XYZ	26.0394, 21.8432, 49.2981
YIQ	131.7430, -8.4410, 26.3350

Conversions

Conversions Part 2

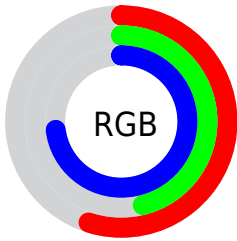
Format	Color
R_{YB}	140, 117, 186
Decimal	9205178
CIE _{Lab}	53.86, 23.62, -33.13
CIE _{LCh}	54, 40.683, 305.487
Yxy	21.8432, 0.2679, 0.2248
Android (android.graphics.Color)	4287395258 (0xFF8C75BA)
YUV	131.7430, 26.7487, 7.2414
Hunter-Lab	46.7367, 17.6622, -29.8237

Details

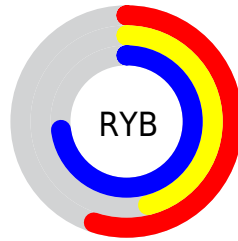
The XYZ color **26.0394, 21.8432, 49.2981** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **35.8747, 44.1892, 23.4691**, and the grayscale version is **21.7493, 22.8820, 24.9185**.

A 20% lighter version of the original color is **52.7207, 46.3888, 90.1797**, and **10.2565, 7.8749, 22.8092** is the 20% darker color. If you saturate the color by 10%, you get **22.1108, 16.9145, 48.5542**, and if you desaturate by 10%, it is **30.6356, 27.7561, 50.1975**.

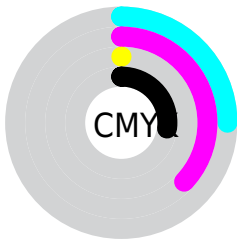
Distribution



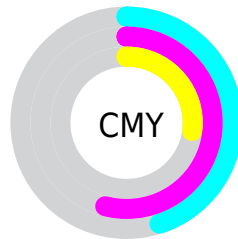
- Red (55%)
- Green (46%)
- Blue (73%)



- Red (55%)
- Yellow (46%)
- Blue (73%)



- Cyan (25%)
- Magenta (37%)
- Yellow (0%)
- Black (27%)



- Cyan (45%)
- Magenta (54%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0394, 21.8432, 49.2981 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 26.0394, 21.8432, 49.2981 by changing the saturation by 10% instead.

■ 26.0394, 21.8432,
49.2981

■ 26.0394, 21.8432,
49.2981

275.2286,
261.7263, 400.5708

■ 16.9860, 13.7417,
34.4887

■ 52.7693, 46.4867,
90.5196

■ 10.3197, 7.9413,
22.9889

■ 71.1766, 63.7975,
117.7688

■ 5.6753, 4.0574,
14.3801

■ 93.4324, 84.9469,
150.0018

■ 2.6875, 1.7057,
8.2437

119.9022,
110.3193, 187.6369

■ 0.9907, 0.4274,
4.1613

150.9514,
140.2990, 231.0929

■ 0.0000, 0.0000,
1.7142

186.9453,

■ 0.0000, 0.0000,

175.2705, 280.7882

0.3705

228.2492,
215.6181, 337.1413

■ 0.0000, 0.0000,
0.0000

■ 26.0394, 21.8432,
49.2981

■ 26.0394, 21.8432,
49.2981

■ 22.1108, 16.9145,
48.5542

■ 30.6356, 27.7561,
50.1975

■ 18.8140, 12.9122,
47.9554

■ 35.9281, 34.7016,
51.2592

■ 16.1134, 9.7762,
47.4925

■ 41.9464, 42.7277,
52.4912

■ 13.9681, 7.4381,
47.1542

■ 48.7178, 51.8789,
53.9007

■ 12.3317, 5.8183,
46.9278

■ 56.2681, 62.1968,
55.4943

■ 11.1416, 4.8069,
46.7953

■ 64.6218, 73.7213,
57.2784

■ 10.8496, 4.5693,
46.7649

■ 73.8023, 86.4900,
59.2592

■ 80.2881, 93.4512,
60.2610

■ 84.6241, 95.6865,
60.4639

Harmonies

Analogous

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



21.5763, 21.8432, 56.7421



26.0394, 21.8432, 49.2981



29.3974, 21.8432, 35.2492

Triad

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



26.0394, 21.8432, 49.2981



24.4520, 21.8432, 7.9046



13.4610, 21.8432, 26.1630

Complementary

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



26.0394, 21.8432, 49.2981



35.8747, 44.1892, 23.4691

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.



14.0075, 21.8432, 15.1203



26.0394, 21.8432, 49.2981



19.9671, 21.8432, 6.9560

Square

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



26.0394, 21.8432, 49.2981



28.3945, 21.8432, 12.3572



16.2495, 21.8432, 9.0625



14.6356, 21.8432, 40.6961

Rectangle

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



26.0394, 21.8432, 49.2981



30.3306, 21.8432, 25.7308



16.2495, 21.8432, 9.0625



13.4517, 21.8432, 21.9371

Sweetspot

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



26.0402, 21.8441, 49.2986



71.4097, 71.2590, 94.1921



29.5021, 33.9324, 51.4494



15.3978, 15.2551, 20.6755



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



26.0402, 21.8441, 49.2986



40.9705, 31.7647, 88.1732



32.5359, 25.1928, 49.6026



8.7956, 8.8610, 11.3262



7.3712, 3.1112, 31.4651



0.3272, 0.1444, 1.1124

Inverse Universe

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



33.2225, 25.8068, 37.8812



56.2539, 40.2137, 63.1340



29.9228, 41.1209, 23.1905



9.2502, 9.1105, 10.6650



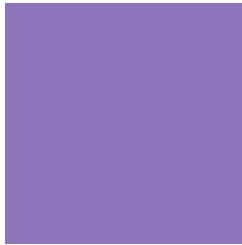
16.1069, 8.0165, 13.7154



0.5953, 0.2936, 0.6280

Previews

White Background



This preview shows how the XYZ color 26.0394, 21.8432, 49.2981 looks on a white background.

Color Contrast Check

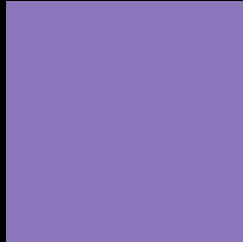
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0394, 21.8432, 49.2981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

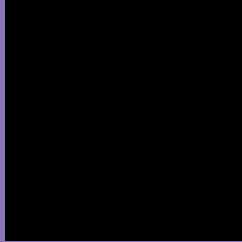
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.0394, 21.8432, 49.2981

Background



This preview shows how black text looks on a background with the XYZ color 26.0394, 21.8432, 49.2981.



This preview shows how white text looks on a background with the XYZ color 26.0394, 21.8432,

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

26.0394, 21.8432, 49.2981

Protanopia

23.1527, 22.0770, 54.0800

Deuteranopia

22.5552, 22.0872, 48.4219



Tritanopia

21.4648, 21.8102, 26.7454

Trichromacy



Original Color

26.0394, 21.8432, 49.2981

Protanomaly

23.9581, 21.7791, 52.2313

Deuteranomaly

23.7103, 21.9112, 48.8785

Tritanomaly

22.8309, 21.6008, 33.9764

Monochromacy



Original Color

26.0394, 21.8432, 49.2981

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.2485, 22.5966, 32.8420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0394, 21.8432, 49.2981 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, 117, 186)` looks like.

```
.text, #text, p{  
    color:rgb(140, 117, 186)  
}
```

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, 117, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 117, 186) }
```

Border

The CSS property to change the border of an element to XYZ 26.0394, 21.8432, 49.2981 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, 117, 186) }
```


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

```
.border{ border-color:rgb(140, 117, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 117, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 117, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 117, 186);  
box-shadow:4px 4px 4px 4px rgb(140, 117,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0394, 21.8432, 49.2981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 117, 186) }
```

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

```
.background{ background-color: rgb(140,  
117, 186) }
```

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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