

Converting Colors

XYZ(26.0133, 21.8434, 43.1077)

Have a look what the booklet for
XYZ(26.0133, 21.8434, 43.1077)
contains.

XYZ(25.9180, 21.7498, 42.8765)	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(25.9180, 21.7498,
42.8765)**

Conversions

Conversions Part 1

Format	Color
Hex	9374AE
RGB	147, 116, 174
RGB Percent	58%, 45%, 68%
CMY	0.4235, 0.5451, 0.3176
CMYK	0.16, 0.33, 0.00, 0.32
HSL	272°, 26%, 57%
HSV	272°, 33%, 68%
XYZ	25.9180, 21.7498, 42.8765
YIQ	131.8810, -0.1420, 24.6100

Conversions

Conversions Part 2

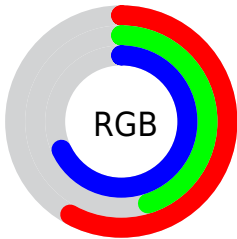
Format	Color
R _Y B	147, 116, 174
Decimal	9663662
CIE Lab	53.76, 23.54, -26.32
CIE LCh	54, 35.310, 311.813
Yxy	21.7498, 0.2862, 0.2402
Android (android.graphics.Color)	4287853742 (0xFF9374AE)
YUV	131.8810, 20.7647, 13.2594
Hunter-Lab	46.6367, 17.5859, -21.8639

Details

The XYZ color **25.9180, 21.7498, 42.8765** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **29.6168, 37.3732, 22.1767**, and the grayscale version is **21.8175, 22.9537, 24.9966**.

A 20% lighter version of the original color is **52.6427, 46.2750, 81.0203**, and **10.1777, 7.8277, 19.0636** is the 20% darker color. If you saturate the color by 10%, you get **22.6954, 17.3852, 42.2042**, and if you desaturate by 10%, it is **29.6200, 26.9203, 43.6797**.

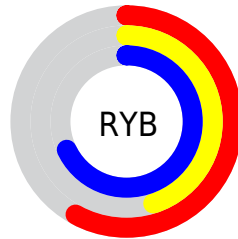
Distribution



Red (58%)

Green (45%)

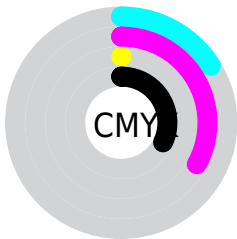
Blue (68%)



Red (58%)

Yellow (45%)

Blue (68%)

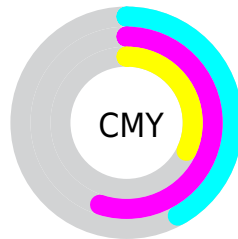


Cyan (16%)

Magenta (33%)

Yellow (0%)

Black (32%)



Cyan (42%)

Magenta (55%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9180, 21.7498, 42.8765 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 25.9180, 21.7498, 42.8765 by changing the saturation by 10% instead.

■ 25.9180, 21.7498,
42.8765

■ 25.9180, 21.7498,
42.8765

274.6434,
261.2369, 374.0099

■ 16.8947, 13.6732,
29.4575

■ 52.5749, 46.3321,
80.8088

■ 10.2543, 7.8937,
19.1787

■ 70.9391, 63.6066,
106.1593

■ 5.6314, 4.0270,
11.6213

■ 93.1477, 84.7158,
136.3239

■ 2.6608, 1.6887,
6.3670

■ 119.5660,
110.0442, 171.7214

■ 0.9770, 0.4163,
2.9971

150.5594,
139.9761, 212.7702

■ 0.0000, 0.0000,
1.0932

186.4932,

■ 0.0000, 0.0000,

174.8959, 259.8889

0.0000

227.7327,
215.1880, 313.4959

■ 25.9180, 21.7498,
42.8765

■ 25.9180, 21.7498,
42.8765

■ 22.6954, 17.3852,
42.2042

■ 29.6200, 26.9203,
43.6797

■ 19.9270, 13.7806,
41.6544

■ 33.8206, 32.9338,
44.6191

■ 17.5881, 10.8896,
41.2197

■ 38.5406, 39.8282,
45.7011

■ 15.6508, 8.6595,
40.8913

■ 43.7989, 47.6385,
46.9315

■ 14.0831, 7.0299,
40.6594

■ 49.6133, 56.3977,
48.3157

■ 12.8472, 5.9285,
40.5119

■ 56.0008, 66.1369,
49.8589

■ 12.1543, 5.3832,
40.4432

■ 62.9776, 76.8860,
51.5660

■ 70.4943, 88.5436,
53.4199

■ 72.8856, 89.7764,
53.5318

Harmonies

Analogous

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



22.1996, 21.7498, 50.5255



25.9180, 21.7498, 42.8765



28.3920, 21.7498, 30.8063

Triad

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



25.9180, 21.7498, 42.8765



23.0299, 21.7498, 8.8795



14.3321, 21.7498, 28.2136

Complementary

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



25.9180, 21.7498, 42.8765



29.6168, 37.3732, 22.1767

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.



14.4968, 21.7498, 17.7503



25.9180, 21.7498, 42.8765



19.2171, 21.7498, 8.5711

Square

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



25.9180, 21.7498, 42.8765



26.5894, 21.7498, 12.3204



16.1873, 21.7498, 11.2899



15.7058, 21.7498, 40.4866

Rectangle

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



25.9180, 21.7498, 42.8765



28.8393, 21.7498, 23.0279



16.1873, 21.7498, 11.2899



14.2144, 21.7498, 24.3480

Sweetspot

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



25.9187, 21.7507, 42.8770



63.9446, 63.5080, 81.5249



24.6757, 26.4347, 43.8466



13.9576, 13.7450, 18.0617



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.9187, 21.7507, 42.8770



42.6193, 33.4754, 76.8520



31.1543, 24.4714, 42.1451



7.9723, 7.9600, 10.0689



8.8846, 3.9400, 29.3367



0.3095, 0.1418, 0.8190

Inverse Universe

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



28.6595, 23.4734, 29.0076



48.5700, 37.2106, 46.9684



25.6053, 35.2921, 22.5822



8.1546, 8.0751, 9.1247



13.7673, 6.9695, 6.4201



0.4108, 0.2050, 0.3250

Previews

White Background



This preview shows how the XYZ color 25.9180, 21.7498, 42.8765 looks on a white background.

Color Contrast Check

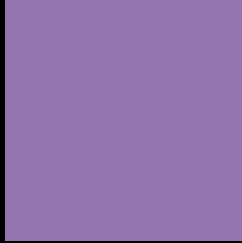
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9180, 21.7498, 42.8765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

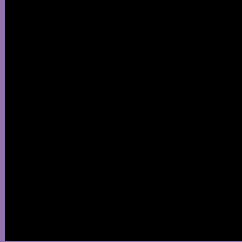
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.9180, 21.7498, 42.8765

Background



This preview shows how black text looks on a background with the XYZ color 25.9180, 21.7498, 42.8765.



This preview shows how white text looks on a background with the XYZ color 25.9180, 21.7498,

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

25.9180, 21.7498, 42.8765

Protanopia

22.5884, 21.9357, 47.2994

Deuteranopia

22.3719, 21.9392, 42.0853



Tritanopia

22.3259, 21.7120, 25.5684

Trichromacy



Original Color

25.9180, 21.7498, 42.8765

Protanomaly

23.5318, 21.7057, 45.5972

Deuteranomaly

23.5279, 21.7722, 42.4976

Tritanomaly

23.5899, 21.6843, 31.3759

Monochromacy



Original Color

25.9180, 21.7498, 42.8765

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.0438, 22.3467, 30.7026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9180, 21.7498, 42.8765 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(147, 116, 174)` looks like.

```
.text, #text, p{  
    color:rgb(147, 116, 174)  
}
```

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(147, 116, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 116, 174) }
```

Border

The CSS property to change the border of an element to XYZ 25.9180, 21.7498, 42.8765 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(147, 116, 174) }
```


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

```
.border{ border-color:rgb(147, 116, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 116, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 116, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 116, 174);  
box-shadow:4px 4px 4px 4px rgb(147, 116,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9180, 21.7498, 42.8765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 116, 174) }
```

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

```
.background{ background-color: rgb(147,  
116, 174) }
```

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