

Converting Colors

XYZ(25.8203, 21.7634, 46.2584)

Have a look what the booklet for
XYZ(25.8203, 21.7634, 46.2584)
contains.

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Color

**XYZ(25.7548, 21.7687,
46.0244)**

Conversions

Conversions Part 1

Format	Color
Hex	8E75B4
RGB	142, 117, 180
RGB Percent	56%, 46%, 71%
CMY	0.4431, 0.5412, 0.2941
CMYK	0.21, 0.35, 0.00, 0.29
HSL	264°, 30%, 58%
HSV	264°, 35%, 71%
XYZ	25.7548, 21.7687, 46.0244
YIQ	131.6570, -5.3230, 24.8930

Conversions

Conversions Part 2

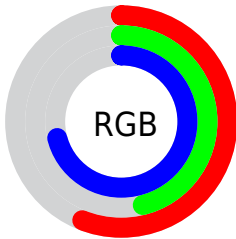
Format	Color
R_{YB}	142, 117, 180
Decimal	9336244
CIE _{Lab}	53.78, 22.77, -29.79
CIE _{LCh}	54, 37.494, 307.399
Yxy	21.7687, 0.2753, 0.2327
Android (android.graphics.Color)	4287526324 (0xFF8E75B4)
YUV	131.6570, 23.8331, 9.0708
Hunter-Lab	46.6569, 16.8830, -25.8263

Details

The XYZ color **25.7548, 21.7687, 46.0244** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **33.0505, 40.8961, 22.9824**, and the grayscale version is **21.7278, 22.8594, 24.8938**.

A 20% lighter version of the original color is **52.3542, 46.3024, 85.5348**, and **10.1143, 7.8402, 21.0589** is the 20% darker color. If you saturate the color by 10%, you get **22.0828, 17.0564, 45.3087**, and if you desaturate by 10%, it is **30.0130, 27.3828, 46.8840**.

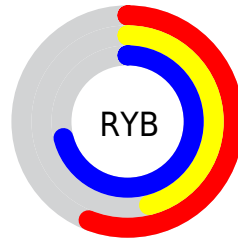
Distribution



Red (56%)

Green (46%)

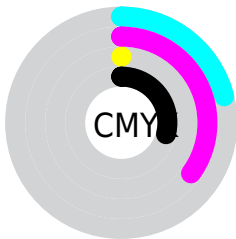
Blue (71%)



Red (56%)

Yellow (46%)

Blue (71%)

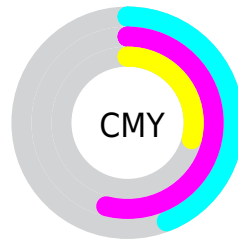


Cyan (21%)

Magenta (35%)

Yellow (0%)

Black (29%)



Cyan (44%)

Magenta (54%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7548, 21.7687, 46.0244 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 25.7548, 21.7687, 46.0244 by changing the saturation by 10% instead.

■ 25.7548, 21.7687,
46.0244

■ 25.7548, 21.7687,
46.0244

273.8552,
261.3360, 387.1872

■ 16.7720, 13.6870,
31.9163

■ 52.3132, 46.3634,
85.5902

■ 10.1664, 7.9033,
21.0333

■ 70.6196, 63.6453,
111.8849

■ 5.5725, 4.0331,
12.9568

■ 92.7645, 84.7626,
143.0789

■ 2.6251, 1.6921,
7.2685

119.1134,
110.0999, 179.5908

■ 0.9588, 0.4185,
3.5496

150.0315,
140.0415, 221.8390

■ 0.0000, 0.0000,
1.3816

185.8843,

■ 0.0000, 0.0000,

174.9717, 270.2421

0.1273

227.0370,
215.2751, 325.2186

■ 0.0000, 0.0000,
0.0000

■ 25.7548, 21.7687,
46.0244

■ 25.7548, 21.7687,
46.0244

■ 22.0828, 17.0564,
45.3087

■ 30.0130, 27.3828,
46.8840

■ 18.9665, 13.1942,
44.7275

■ 34.8814, 33.9413,
47.8933

■ 16.3756, 10.1292,
44.2724

■ 40.3855, 41.4872,
49.0597

■ 14.2757, 7.8009,
43.9337

■ 46.5484, 50.0600,
50.3896

■ 12.6278, 6.1401,
43.7000

■ 53.3921, 59.6972,
51.8891

■ 11.3851, 5.0626,
43.5575

■ 60.9374, 70.4342,
53.5638

■ 10.8682, 4.6511,
43.5053

■ 69.2045, 82.3047,
55.4193

■ 76.2670, 91.4504,
56.8124

■ 79.8379, 93.2913,
56.9795

Harmonies

Analogous

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



21.7031, 21.7687, 53.1683



25.7548, 21.7687, 46.0244



28.6874, 21.7687, 33.2791

Triad

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



25.7548, 21.7687, 46.0244



23.8088, 21.7687, 8.5659



13.9269, 21.7687, 26.6723

Complementary

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



25.7548, 21.7687, 46.0244



33.0505, 40.8961, 22.9824

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.



14.3377, 21.7687, 16.1656



25.7548, 21.7687, 46.0244



19.7099, 21.7687, 7.8189

Square

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



25.7548, 21.7687, 46.0244



27.4661, 21.7687, 12.6301



16.3378, 21.7687, 10.0969



15.1323, 21.7687, 39.8697

Rectangle

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



25.7548, 21.7687, 46.0244



29.4225, 21.7687, 24.7221



16.3378, 21.7687, 10.0969



13.8835, 21.7687, 22.7111

Sweetspot

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



25.7555, 21.7696, 46.0249



67.9181, 67.9190, 87.8246



27.4385, 30.8047, 47.6801



14.3844, 14.2757, 18.9196



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.7555, 21.7696, 46.0249



41.4680, 32.7358, 82.4276



31.7565, 24.8632, 46.3057



8.3504, 8.3892, 10.6855



7.6566, 3.2829, 30.3671



0.3076, 0.1377, 0.9586

Inverse Universe

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



31.1008, 24.7934, 34.1579



52.8499, 39.1845, 56.7053



27.8958, 38.2387, 22.7412



8.7044, 8.5885, 9.9416



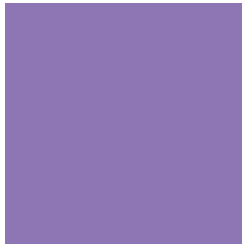
15.0812, 7.5501, 10.8537



0.5023, 0.2487, 0.4878

Previews

White Background



This preview shows how the XYZ color 25.7548, 21.7687, 46.0244 looks on a white background.

Color Contrast Check

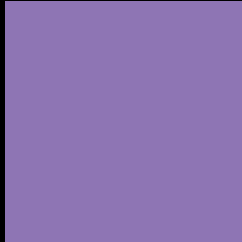
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7548, 21.7687, 46.0244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

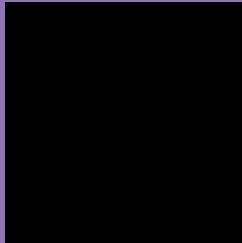
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.7548, 21.7687, 46.0244

Background



This preview shows how black text looks on a background with the XYZ color 25.7548, 21.7687, 46.0244.



This preview shows how white text looks on a background with the XYZ color 25.7548, 21.7687,

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

25.7548, 21.7687, 46.0244

Protanopia

22.9731, 22.0608, 50.6243

Deuteranopia

22.4353, 21.9038, 45.1649



Tritanopia

21.7363, 21.7676, 26.3485

Trichromacy



Original Color

25.7548, 21.7687, 46.0244

Protanomaly

23.7251, 21.7336, 48.8435

Deuteranomaly

23.5318, 21.7057, 45.5972

Tritanomaly

23.0670, 21.7513, 32.6884

Monochromacy



Original Color

25.7548, 21.7687, 46.0244

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.1675, 22.5829, 31.5716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7548, 21.7687, 46.0244 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(142, 117, 180)` looks like.

```
.text, #text, p{  
    color:rgb(142, 117, 180)  
}
```

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(142, 117, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 117, 180) }
```

Border

The CSS property to change the border of an element to XYZ 25.7548, 21.7687, 46.0244 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(142, 117, 180) }
```


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

```
.border{ border-color:rgb(142, 117, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 117, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 117, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 117, 180);  
box-shadow:4px 4px 4px 4px rgb(142, 117,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7548, 21.7687, 46.0244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 117, 180) }
```

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

```
.background{ background-color: rgb(142,  
117, 180) }
```

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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