

Converting Colors

XYZ(25.5752, 21.4321, 48.5560)

Have a look what the booklet for
XYZ(25.5752, 21.4321, 48.5560)
contains.

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Color

**XYZ(25.6498, 21.4825,
48.6936)**

Conversions

Conversions Part 1

Format	Color
Hex	8B74B9
RGB	139, 116, 185
RGB Percent	55%, 45%, 73%
CMY	0.4549, 0.5451, 0.2745
CMYK	0.25, 0.37, 0.00, 0.27
HSL	260°, 33%, 59%
HSV	260°, 37%, 73%
XYZ	25.6498, 21.4825, 48.6936
YIQ	130.7430, -8.4410, 26.3350

Conversions

Conversions Part 2

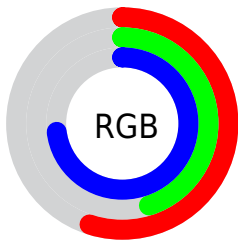
Format	Color
R _Y B	139, 116, 185
Decimal	9139385
CIE _{Lab}	53.47, 23.66, -33.16
CIE _{LCh}	53, 40.735, 305.502
Yxy	21.4825, 0.2677, 0.2242
Android (android.graphics.Color)	4287329465 (0xFF8B74B9)
YUV	130.7430, 26.7487, 7.2414
Hunter-Lab	46.3492, 17.6713, -29.8445

Details

The XYZ color **25.6498, 21.4825, 48.6936** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **35.4021, 43.6407, 23.0814**, and the grayscale version is **21.3923, 22.5064, 24.5094**.

A 20% lighter version of the original color is **52.1280, 45.8255, 89.3168**, and **10.1025, 7.7065, 22.7848** is the 20% darker color. If you saturate the color by 10%, you get **21.7815, 16.6320, 47.9616**, and if you desaturate by 10%, it is **30.1766, 27.3038, 49.5790**.

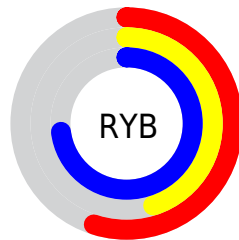
Distribution



Red (55%)

Green (45%)

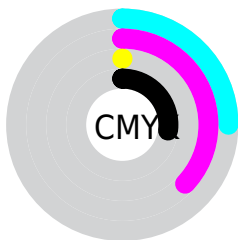
Blue (73%)



Red (55%)

Yellow (45%)

Blue (73%)

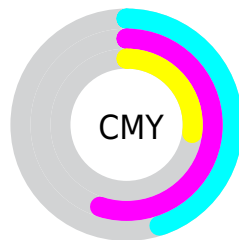


Cyan (25%)

Magenta (37%)

Yellow (0%)

Black (27%)



Cyan (45%)

Magenta (55%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6498, 21.4825, 48.6936 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 25.6498, 21.4825, 48.6936 by changing the saturation by 10% instead.

■ 25.6498, 21.4825,
48.6936

■ 25.6498, 21.4825,
48.6936

273.3470,
259.8317, 398.1226

■ 16.6931, 13.4771,
34.0126

■ 52.1448, 45.8892,
89.6125

■ 10.1099, 7.7579,
22.6258

■ 70.4138, 63.0593,
116.6874

■ 5.5347, 3.9404,
14.1148

■ 92.5177, 84.0531,
148.7308

■ 2.6022, 1.6403,
8.0609

■ 118.8218,
109.2551, 186.1611

■ 0.9471, 0.3845,
4.0456

149.6914,
139.0495, 229.3969

■ 0.0000, 0.0000,
1.6504

185.4919,

■ 0.0000, 0.0000,

173.8208, 278.8567

0.3264

226.5887,
213.9534, 334.9591

■ 0.0000, 0.0000,
0.0000

■ 25.6498, 21.4825,
48.6936

■ 25.6498, 21.4825,
48.6936

■ 21.7815, 16.6320,
47.9616

■ 30.1766, 27.3038,
49.5790

■ 18.5364, 12.6951,
47.3727

■ 35.3903, 34.1435,
50.6244

■ 15.8791, 9.6123,
46.9178

■ 41.3201, 42.0493,
51.8378

■ 13.7694, 7.3160,
46.5857

■ 47.9929, 51.0650,
53.2264

■ 12.1612, 5.7275,
46.3639

■ 55.4341, 61.2318,
54.7966

■ 10.9915, 4.7353,
46.2340

■ 63.6681, 72.5890,
56.5547

■ 10.7229, 4.5162,
46.2059

■ 72.7178, 85.1739,
58.5069

■ 79.6657, 93.1426,
59.6788

■ 83.9420, 95.3471,
59.8789

Harmonies

Analogous

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



21.2278, 21.4825, 56.0933



25.6498, 21.4825, 48.6936



28.9783, 21.4825, 34.7475

Triad

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



25.6498, 21.4825, 48.6936



24.0723, 21.4825, 7.7021



13.1966, 21.4825, 25.7542

Complementary

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



25.6498, 21.4825, 48.6936



35.4021, 43.6407, 23.0814

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.



13.7358, 21.4825, 14.8250



25.6498, 21.4825, 48.6936



19.6300, 21.4825, 6.7704

Square

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



25.6498, 21.4825, 48.6936



27.9810, 21.4825, 12.0890



15.9517, 21.4825, 8.8454



14.3584, 21.4825, 40.1664

Rectangle

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



25.6498, 21.4825, 48.6936



29.9029, 21.4825, 25.3128



15.9517, 21.4825, 8.8454



13.1871, 21.4825, 21.5686

Sweetspot

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



25.6506, 21.4833, 48.6941



69.7234, 69.5785, 91.9598



28.8804, 33.0571, 50.7578



14.7224, 14.5881, 19.7614



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.



25.6506, 21.4833, 48.6941



40.0164, 31.0331, 86.0855



32.3473, 24.9356, 49.0075



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.



32.7751, 25.4144, 37.3609



54.9308, 39.2780, 61.6524



29.3290, 40.5099, 22.7972



9.2502, 9.1105, 10.6650



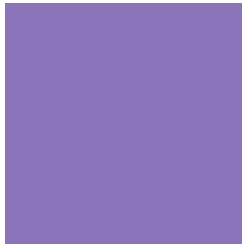
16.1068, 8.0165, 13.7151



0.5953, 0.2936, 0.6280

Previews

White Background



This preview shows how the XYZ color 25.6498, 21.4825, 48.6936 looks on a white background.

Color Contrast Check

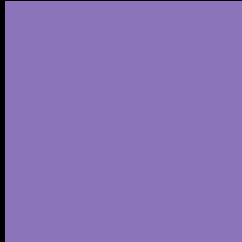
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6498, 21.4825, 48.6936 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 25.6498, 21.4825, 48.6936

Background



This preview shows how black text looks on a background with the XYZ color 25.6498, 21.4825, 48.6936.



This preview shows how white text looks on a background with the XYZ color 25.6498, 21.4825,

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

25.6498, 21.4825, 48.6936

Protanopia

22.7954, 21.7150, 53.4420

Deuteranopia

22.2000, 21.7234, 47.8227



Tritanopia

21.1107, 21.4451, 26.3192

Trichromacy



Original Color

25.6498, 21.4825, 48.6936

Protanomaly

23.5899, 21.4187, 51.6061

Deuteranomaly

23.3424, 21.5485, 48.2764

Tritanomaly

22.4651, 21.2387, 33.4873

Monochromacy



Original Color

25.6498, 21.4825, 48.6936

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.8783, 22.2244, 32.3621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6498, 21.4825, 48.6936 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(139, 116, 185)` looks like.

```
.text, #text, p{  
    color:rgb(139, 116, 185)  
}
```

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(139, 116, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 116, 185) }
```

Border

The CSS property to change the border of an element to XYZ 25.6498, 21.4825, 48.6936 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(139, 116, 185) }
```


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

```
.border{ border-color:rgb(139, 116, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 116, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 116, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 116, 185);  
box-shadow:4px 4px 4px 4px rgb(139, 116,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6498, 21.4825, 48.6936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 116, 185) }
```

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

```
.background{ background-color: rgb(139,  
116, 185) }
```

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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