

Converting Colors

XYZ(25.3468, 24.2100, 43.9224)

Have a look what the booklet for
XYZ(25.3468, 24.2100, 43.9224)
contains.

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Color

**XYZ(25.3699, 24.2333,
43.8978)**

Conversions

Conversions Part 1

Format	Color
Hex	8483AF
RGB	132, 131, 175
RGB Percent	52%, 51%, 69%
CMY	0.4823, 0.4863, 0.3137
CMYK	0.25, 0.25, 0.00, 0.31
HSL	241°, 22%, 60%
HSV	241°, 25%, 69%
XYZ	25.3699, 24.2333, 43.8978
YIQ	136.3150, -13.5280, 13.8960

Conversions

Conversions Part 2

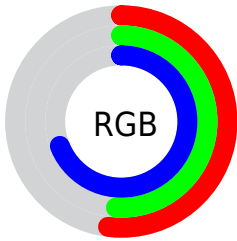
Format	Color
R_{YB}	132, 131, 175
Decimal	8684463
CIE Lab	56.32, 10.20, -23.06
CIE LCh	56, 25.215, 293.872
Yxy	24.2333, 0.2713, 0.2592
Android (android.graphics.Color)	4286874543 (0xFF8483AF)
YUV	136.3150, 19.0717, -3.7843
Hunter-Lab	49.2273, 5.8443, -18.4119

Details

The XYZ color **25.3699, 24.2333, 43.8978** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **36.8830, 41.2979, 27.5011**, and the grayscale version is **23.4548, 24.6763, 26.8725**.

A 20% lighter version of the original color is **51.8140, 50.4896, 82.6159**, and **9.9235, 9.1891, 19.6630** is the 20% darker color. If you saturate the color by 10%, you get **20.7564, 18.6560, 43.0648**, and if you desaturate by 10%, it is **30.8205, 30.8326, 44.8847**.

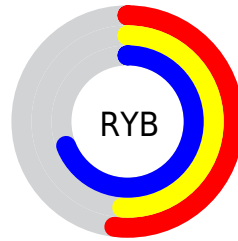
Distribution



Red (52%)

Green (51%)

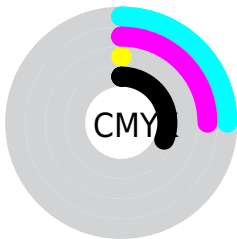
Blue (69%)



Red (52%)

Yellow (51%)

Blue (69%)

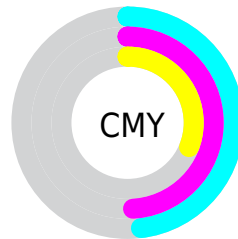


Cyan (25%)

Magenta (25%)

Yellow (0%)

Black (31%)



Cyan (48%)

Magenta (49%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3699, 24.2333, 43.8978 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 25.3699, 24.2333, 43.8978 by changing the saturation by 10% instead.

■ 25.3699, 24.2333,
43.8978

■ 25.3699, 24.2333,
43.8978

271.9889,
273.9979, 378.3202

■ 16.4831, 15.5068,
30.2536

■ 51.6953, 50.4106,
82.3648

■ 9.9596, 9.1758,
19.7774

■ 69.8645, 68.6303,
108.0246

■ 5.4343, 4.8560,
12.0509

■ 91.8585, 90.7830,
138.5267

■ 2.5416, 2.1630,
6.6554

118.0428,
117.2533, 174.2896

■ 0.9163, 0.6997,
3.1724

148.7826,
148.4256, 215.7319

■ 0.0000, 0.0000,
1.1833

184.4433,

■ 0.0000, 0.0000,

184.6841, 263.2720

0.0000

225.3903,
226.4134, 317.3286

■ 25.3699, 24.2333,
43.8978

■ 25.3699, 24.2333,
43.8978

■ 20.7564, 18.6560,
43.0648

■ 30.8205, 30.8326,
44.8847

■ 16.9362, 14.0468,
42.3765

■ 37.1441, 38.4982,
46.0310

■ 13.8654, 10.3515,
41.8251

■ 44.3777, 47.2754,
47.3440

■ 11.4947, 7.5093,
41.4015

■ 52.5551, 57.2062,
48.8298

■ 9.7691, 5.4520,
41.0953

■ 61.7088, 68.3302,
50.4945

■ 8.6251, 4.1009,
40.8948

■ 71.8693, 80.6853,
52.3437

■ 7.9858, 3.3600,
40.7855

■ 83.0662, 94.3074,
54.3829

■ 7.7877, 3.1208,
40.7498

■ 84.7379, 95.8752,
54.5974

Harmonies

Analogous

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



22.4415, 24.2333, 45.7167



25.3699, 24.2333, 43.8978



27.8490, 24.2333, 36.9937

Triad

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



25.3699, 24.2333, 43.8978



26.4881, 24.2333, 15.4534



17.9106, 24.2333, 24.7139

Complementary

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



25.3699, 24.2333, 43.8978



36.8830, 41.2979, 27.5011

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.



18.8070, 24.2333, 18.0286



25.3699, 24.2333, 43.8978



23.6348, 24.2333, 13.4556

Square

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



25.3699, 24.2333, 43.8978



28.5316, 24.2333, 20.4234



20.8442, 24.2333, 14.2879



18.2906, 24.2333, 33.4088

Rectangle

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



25.3699, 24.2333, 43.8978



28.8305, 24.2333, 31.0869



20.8442, 24.2333, 14.2879



18.0701, 24.2333, 22.1845

Sweetspot

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



25.3707, 24.2343, 43.8984



62.9611, 64.6286, 81.7930



32.2863, 38.2963, 46.2481



13.6129, 13.9027, 18.1103



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.



25.3707, 24.2343, 43.8984



40.8127, 37.8092, 77.7837



29.1307, 26.1726, 44.0743



7.5951, 7.7656, 10.0513



5.5841, 2.2386, 29.1823



0.1607, 0.0650, 0.8121

Inverse Universe

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



33.4362, 28.4035, 43.7653



57.6835, 46.5309, 77.4644



32.4263, 39.0004, 27.2925



8.3291, 8.1449, 10.0439



17.9297, 8.6344, 28.3390



0.5012, 0.2412, 0.8011

Previews

White Background



This preview shows how the XYZ color 25.3699, 24.2333, 43.8978 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 25.3699, 24.2333, 43.8978 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 25.3699, 24.2333, 43.8978

Background



This preview shows how black text looks on a background with the XYZ color 25.3699, 24.2333, 43.8978.



This preview shows how white text looks on a background with the XYZ color 25.3699, 24.2333,

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

25.3699, 24.2333, 43.8978

Protanopia

24.4917, 24.1603, 44.9675

Deuteranopia

24.8778, 24.3822, 43.9525



Tritanopia

22.8230, 24.2269, 31.0771

Trichromacy



Original Color

25.3699, 24.2333, 43.8978

Protanomaly

24.6919, 24.0727, 44.4194

Deuteranomaly

25.0424, 24.2648, 43.9211

Tritanomaly

23.6642, 24.1516, 35.3128

Monochromacy



Original Color

25.3699, 24.2333, 43.8978

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.0218, 24.4031, 32.2983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3699, 24.2333, 43.8978 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(132, 131, 175)` looks like.

```
.text, #text, p{  
    color:rgb(132, 131, 175)  
}
```

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(132, 131, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 131, 175) }
```

Border

The CSS property to change the border of an element to XYZ 25.3699, 24.2333, 43.8978 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(132, 131, 175) }
```


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

```
.border{ border-color:rgb(132, 131, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 131, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 131, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 131, 175);  
box-shadow:4px 4px 4px 4px rgb(132, 131,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3699, 24.2333, 43.8978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 131, 175) }
```

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

```
.background{ background-color: rgb(132,  
131, 175) }
```

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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