

Converting Colors

XYZ(24.2917, 23.5324, 39.5005)

Have a look what the booklet for
XYZ(24.2917, 23.5324, 39.5005)
contains.

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Color

**XYZ(24.2256, 23.5437,
39.3440)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 8382A6 |
| RGB | 131, 130, 166 |
| RGB Percent | 51%, 51%, 65% |
| CMY | 0.4863, 0.4902, 0.3490 |
| CMYK | 0.21, 0.22, 0.00, 0.35 |
| HSL | 242°, 17%, 58% |
| HSV | 242°, 22%, 65% |
| XYZ | 24.2256, 23.5437, 39.3440 |
| YIQ | 134.4030, -10.9600, 11.4080 |

Conversions

Conversions Part 2

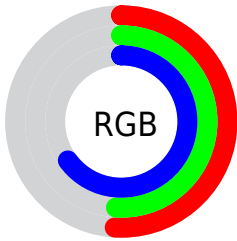
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 131, 130, 166 |
| Decimal | 8618662 |
| CIE Lab | 55.63, 8.28, -18.96 |
| CIE LCh | 56, 20.683, 293.584 |
| Yxy | 23.5437, 0.2781, 0.2703 |
| Android (android.graphics.Color) | 4286808742 (0xFF8382A6) |
| YUV | 134.4030, 15.5773, -2.9844 |
| Hunter-Lab | 48.5219, 4.2068, -14.1101 |

Details

The XYZ color **24.2256, 23.5437, 39.3440** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **33.1833, 36.8841, 26.4905**, and the grayscale version is **22.7562, 23.9413, 26.0720**.

A 20% lighter version of the original color is **49.7518, 49.2778, 75.2960**, and **9.3730, 8.8491, 17.1336** is the 20% darker color. If you saturate the color by 10%, you get **19.8853, 18.2890, 38.5589**, and if you desaturate by 10%, it is **29.3130, 29.7135, 40.2671**.

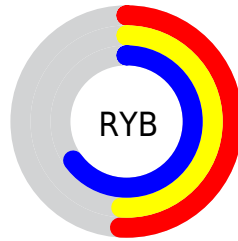
Distribution



Red (51%)

Green (51%)

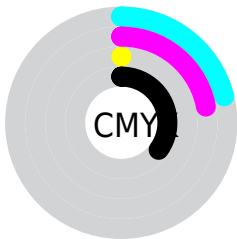
Blue (65%)



Red (51%)

Yellow (51%)

Blue (65%)

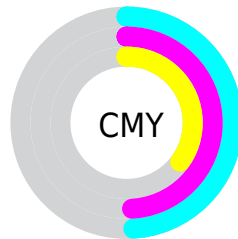


Cyan (21%)

Magenta (22%)

Yellow (0%)

Black (35%)



Cyan (49%)

Magenta (49%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2256, 23.5437, 39.3440 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 24.2256, 23.5437, 39.3440 by changing the saturation by 10% instead.

■ 24.2256, 23.5437,
39.3440

■ 24.2256, 23.5437,
39.3440

266.3784,
270.5054, 358.8204

■ 15.6267, 14.9955,
26.7176

■ 49.8501, 49.2846,
75.3897

■ 9.3496, 8.8162,
17.1307

■ 67.6064, 67.2460,
99.6460

■ 5.0288, 4.6215,
10.1647

■ 89.1459, 89.1139,
128.6160

■ 2.2991, 2.0269,
5.4013

114.8339,
115.2728, 162.7182

■ 0.7942, 0.6231,
2.4218

145.0358,
146.1070, 202.3712

■ 0.0000, 0.0000,
0.7983

180.1170,

■ 0.0000, 0.0000,

182.0009, 247.9936

0.0000

220.4427,
223.3389, 300.0038

■ 24.2256, 23.5437,
39.3440

■ 24.2256, 23.5437,
39.3440

■ 19.8853, 18.2890,
38.5589

■ 29.3130, 29.7135,
40.2671

■ 16.2548, 13.9032,
37.9037

■ 35.1781, 36.8360,
41.3328

■ 13.2971, 10.3403,
37.3719

■ 41.8522, 44.9501,
42.5472

■ 10.9708, 7.5490,
36.9557

■ 49.3646, 54.0920,
43.9158

■ 9.2301, 5.4723,
36.6466

■ 57.7429, 64.2958,
45.4438

■ 8.0227, 4.0451,
36.4348

■ 67.0134, 75.5940,
47.1359

■ 7.2873, 3.1908,
36.3086

■ 77.2014, 88.0178,
48.9970

■ 6.9407, 2.7829,
36.2482

■ 83.8830, 95.5332,
50.0955

Harmonies

Analogous

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



21.8788, 23.5437, 40.6830



24.2256, 23.5437, 39.3440



26.1954, 23.5437, 34.0667

Triad

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



24.2256, 23.5437, 39.3440



25.1550, 23.5437, 16.6043



18.1993, 23.5437, 24.2225

Complementary

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



24.2256, 23.5437, 39.3440



33.1833, 36.8841, 26.4905

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.



18.9500, 23.5437, 18.7239



24.2256, 23.5437, 39.3440



22.8839, 23.5437, 14.8477

Square

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



24.2256, 23.5437, 39.3440



26.7576, 23.5437, 20.8194



20.6260, 23.5437, 15.5499



18.5037, 23.5437, 31.1413

Rectangle

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



24.2256, 23.5437, 39.3440



26.9748, 23.5437, 29.4502



20.6260, 23.5437, 15.5499



18.3348, 23.5437, 22.1646

Sweetspot

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



24.2264, 23.5447, 39.3445



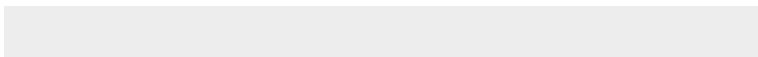
57.8701, 59.5961, 73.9284



29.6169, 34.5544, 41.1855



12.8177, 13.1756, 16.5197



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.2264, 23.5447, 39.3445



40.0231, 37.9526, 70.6914



27.1879, 25.0714, 39.4831



7.1503, 7.3101, 9.4525



5.3887, 2.1614, 28.1087



0.1369, 0.0556, 0.6842

Inverse Universe

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



30.5008, 26.7898, 39.1617



53.4701, 44.9081, 70.2656



29.7707, 35.1248, 26.3308



7.8328, 7.6630, 9.4366



17.2132, 8.2940, 26.9978



0.4215, 0.2029, 0.6710

Previews

White Background



This preview shows how the XYZ color 24.2256, 23.5437, 39.3440 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 24.2256, 23.5437, 39.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

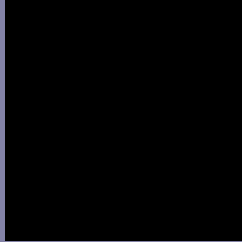
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.2256, 23.5437, 39.3440

Background



This preview shows how black text looks on a background with the XYZ color 24.2256, 23.5437, 39.3440.



This preview shows how white text looks on a background with the XYZ color 24.2256, 23.5437,

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

24.2256, 23.5437, 39.3440

Protanopia

23.6838, 23.6525, 39.8763

Deuteranopia

24.0525, 23.6529, 39.3742



Tritanopia

22.3115, 23.5758, 29.7602

Trichromacy



Original Color

24.2256, 23.5437, 39.3440

Protanomaly

23.8437, 23.5346, 39.8452

Deuteranomaly

24.2052, 23.7316, 39.3813

Tritanomaly

22.9571, 23.6313, 33.0571

Monochromacy



Original Color

24.2256, 23.5437, 39.3440

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.2487, 23.8369, 30.5698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2256, 23.5437, 39.3440 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(131, 130, 166)` looks like.

```
.text, #text, p{  
    color:rgb(131, 130, 166)  
}
```

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(131, 130, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 130, 166) }
```

Border

The CSS property to change the border of an element to XYZ 24.2256, 23.5437, 39.3440 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(131, 130, 166) }
```


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

```
.border{ border-color:rgb(131, 130, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 130, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 130, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 130, 166);  
box-shadow:4px 4px 4px 4px rgb(131, 130,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2256, 23.5437, 39.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 130, 166) }
```

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

```
.background{ background-color: rgb(131,  
130, 166) }
```

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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