

Converting Colors

XYZ(10.1959, 8.4841, 18.3690)

Have a look what the booklet for
XYZ(10.1959, 8.4841, 18.3690)
contains.

XYZ(10.2330, 8.5327, 18.2472) 3

***Conversions* 4**

***Details* 6**

***Harmonies* 12**

***Previews* 24**

***Color Blindness Simulation* 28**

***CSS Examples* 31**

Color

**XYZ(10.2330, 8.5327,
18.2472)**

Conversions

Conversions Part 1	
Format	Color
Hex	5D4A76
RGB	93, 74, 118
RGB Percent	36%, 29%, 46%
CMY	0.6353, 0.7098, 0.5373
CMYK	0.21, 0.37, 0.00, 0.54
HSL	266°, 23%, 38%
HSV	266°, 37%, 46%
XYZ	10.2330, 8.5327, 18.2472
YIQ	84.6970, -2.8000, 17.7120

Conversions

Conversions Part 2

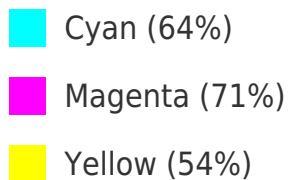
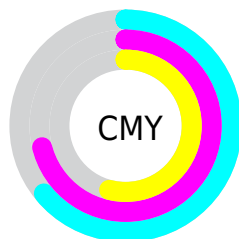
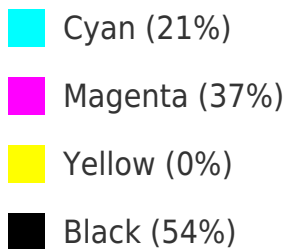
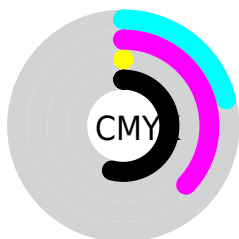
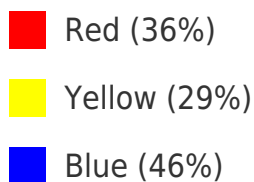
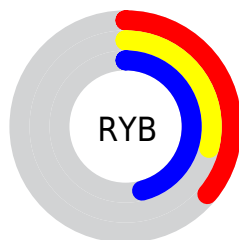
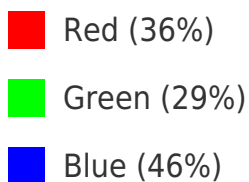
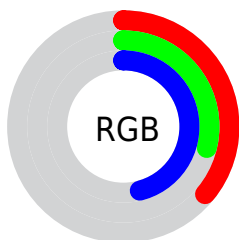
Format	Color
RYB	93, 74, 118
Decimal	6113910
CIELab	35.07, 17.74, -22.22
CIELCh	35, 28.430, 308.605
Yxy	8.5327, 0.2765, 0.2305
Android (android.graphics.Color)	4284303990 (0xFF5D4A76)
YUV	84.6970, 16.4184, 7.2817
Hunter-Lab	29.2108, 11.4125, -16.5893

Details

The XYZ color **10.2330, 8.5327, 18.2472** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **12.8603, 16.1041, 8.9095**, and the grayscale version is **8.5389, 8.9836, 9.7831**.

A 20% lighter version of the original color is **25.8403, 22.9975, 41.1072**, and **2.6652, 1.9391, 5.8640** is the 20% darker color. If you saturate the color by 10%, you get **8.8688, 6.7678, 17.9786**, and if you desaturate by 10%, it is **11.8051, 10.6246, 18.5683**.


Distribution



Brightness & Saturation Gradients


These gradients show how the XYZ color 10.2330, 8.5327, 18.2472 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 10.2330, 8.5327, 18.2472 by changing the saturation by 10% instead.


 10.2330, 8.5327,
18.2472


 10.2330, 8.5327,
18.2472


186.3461,
179.8525, 254.5435

 5.6172, 4.4377,
10.9563


 25.8786, 22.9963,
41.2777


 2.6522, 1.9213,
5.9237

 37.6390, 34.1337,
57.8544

 0.9726, 0.5611,
2.7307

 52.5117, 48.3873,
78.3635

 0.0000, 0.0000,
0.9588

 70.8619, 66.1415,
103.2235

 0.0000, 0.0000,
0.0000

 93.0552, 87.7807,
132.8530

119.4567,

113.6894, 167.6704

150.4319,
144.2519, 208.0944

■ 10.2330, 8.5327,
18.2472

■ 10.2330, 8.5327,
18.2472

■ 8.8688, 6.7678,
17.9786

■ 11.8051, 10.6246,
18.5683

■ 7.7019, 5.3115,
17.7590

■ 13.5933, 13.0584,
18.9438

■ 6.7217, 4.1451,
17.5855


■ 15.6065, 15.8496,
19.3764


■ 5.9166, 3.2474,
17.4547


■ 17.8527, 19.0121,
19.8685


■ 5.2730, 2.5942,
17.3625


■ 20.3395, 22.5592,
20.4221


 4.7612, 2.1283,
17.2996

 23.0742, 26.5035,
21.0393

 4.6330, 2.0107,
17.2836

 26.0637, 30.8572,
21.7220

 29.3148, 35.6316,
22.4722

 32.8337, 40.8379,
23.2917

Harmonies

Analogous

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



8.5894, 8.5327, 21.3319



10.2330, 8.5327, 18.2472



11.4018, 8.5327, 12.9755

Triad

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



10.2330, 8.5327, 18.2472



9.3112, 8.5327, 3.1780



5.3830, 8.5327, 10.7033

Complementary

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



10.2330, 8.5327, 18.2472



12.8603, 16.1041, 8.9095

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.



5.5220, 8.5327, 6.3792



10.2330, 8.5327, 18.2472



7.6489, 8.5327, 2.9309

Square

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



10.2330, 8.5327, 18.2472



10.8219, 8.5327, 4.7307



6.3032, 8.5327, 3.8832



5.8939, 8.5327, 16.1131

Rectangle

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



10.2330, 8.5327, 18.2472



11.6746, 8.5327, 9.5114



6.3032, 8.5327, 3.8832



5.3568, 8.5327, 9.0733

Sweetspot

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



10.2333, 8.5330, 18.2474



25.9815, 25.8349, 33.7543



10.6196, 11.8147, 18.8604



5.8903, 5.8243, 7.7427



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



10.2333, 8.5330, 18.2474



15.8557, 12.2333, 31.6626



12.7019, 9.8057, 18.3629



3.6367, 3.6600, 4.6050



4.9983, 2.1680, 18.6976



23.4134, 10.0785, 91.0716

Inverse Universe

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



12.1723, 9.6502, 13.0257



19.9109, 14.5731, 20.5907



10.8294, 15.0572, 8.8144



3.7630, 3.7325, 4.2786



9.1740, 4.6033, 6.1243



44.2700, 22.2581, 27.5490

Previews

White Background



This preview shows how the XYZ color 10.2330, 8.5327, 18.2472 looks on a white 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 ✓ Pass

Black Background



This preview shows how the XYZ color 10.2330, 8.5327, 18.2472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.2330, 8.5327, 18.2472

Background



This preview shows how black text looks on a background with the XYZ color 10.2330, 8.5327, 18.2472.



This preview shows how white text looks on a background with the XYZ color 10.2330, 8.5327,

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

10.2330, 8.5327, 18.2472

Protanopia

8.9644, 8.5690, 20.2503

Deuteranopia





8.7682, 8.6351, 17.7276






Tritanopia

8.6135, 8.5001, 10.2035

Trichromacy

	Original Color 10.2330, 8.5327, 18.2472
	Protanomaly 9.2978, 8.4317, 19.5498
	Deuteranomaly 9.2313, 8.5386, 17.9912
	Tritanomaly 9.1454, 8.5043, 12.7147

Monochromacy

	Original Color 10.2330, 8.5327, 18.2472
	Achromatopsia 8.6345, 9.0842, 9.8927
	Achromatomaly 9.1246, 8.8226, 12.5313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.2330, 8.5327, 18.2472 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(93, 74, 118)` looks like.

```
.text, #text, p{  
    color:rgb(93, 74, 118)  
}
```

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(93, 74, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 74, 118) }
```

Border

The CSS property to change the border of an element to XYZ 10.2330, 8.5327, 18.2472 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(93, 74, 118) }
```


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

```
.border{ border-color:rgb(93, 74, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 74, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 74, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 74, 118);  
box-shadow:4px 4px 4px 4px rgb(93, 74,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 10.2330, 8.5327, 18.2472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 74, 118) }
```

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

```
.background{ background-color: rgb(93, 74,  
118) }
```

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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