

Converting Colors

XYZ(14.3280, 10.8099, 20.0702)

Have a look what the booklet for
XYZ(14.3280, 10.8099, 20.0702)
contains.

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Color

**XYZ(14.3280, 10.8099,
20.0702)**

Conversions

Conversions Part 1	
Format	Color
Hex	7B4C7B
RGB	123, 76, 123
RGB Percent	48%, 30%, 48%
CMY	0.5176, 0.7019, 0.5176
CMYK	0.00, 0.38, 0.00, 0.52
HSL	300°, 24%, 39%
HSV	300°, 38%, 48%
XYZ	14.3280, 10.8099, 20.0702
YIQ	95.4110, 12.9250, 24.5810

Conversions

Conversions Part 2

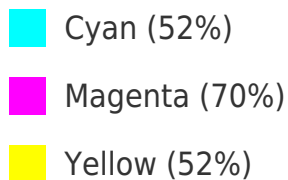
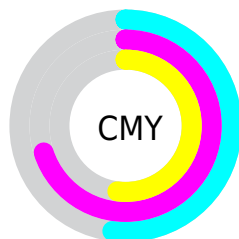
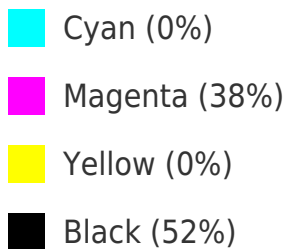
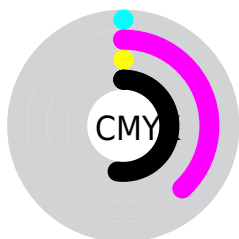
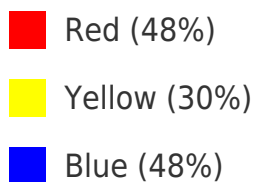
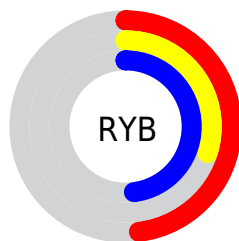
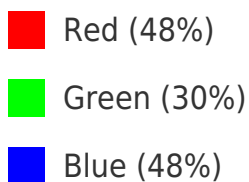
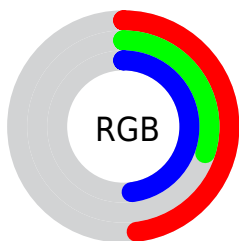
Format	Color
RYB	123, 76, 123
Decimal	8080507
CIELab	39.26, 27.92, -18.55
CIELCh	39, 33.522, 326.403
Yxy	10.8099, 0.3169, 0.2391
Android (android.graphics.Color)	4286270587 (0xFF7B4C7B)
YUV	95.4110, 13.6014, 24.1956
Hunter-Lab	32.8784, 20.2508, -13.1779

Details

The XYZ color **14.3280, 10.8099, 20.0702** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **11.3685, 16.2247, 9.3706**, and the grayscale version is **10.9423, 11.5122, 12.5368**.

A 20% lighter version of the original color is **33.2018, 27.2864, 44.5912**, and **4.4230, 2.7896, 6.7839** is the 20% darker color. If you saturate the color by 10%, you get **13.5604, 9.2745, 19.8144**, and if you desaturate by 10%, it is **15.2584, 12.6704, 20.3805**.


Distribution




Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3280, 10.8099, 20.0702 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 14.3280, 10.8099, 20.0702 by changing the saturation by 10% instead.


 14.3280, 10.8099,
20.0702


 14.3280, 10.8099,
20.0702


212.7319,
196.3587, 264.9117


 8.4324, 5.9392,
12.2615


 33.2513, 27.3081,
44.3954

 4.4270, 2.8081,
6.7973


 47.0097, 39.7043,
61.7489


 1.9464, 1.0324,
3.2592


 64.1198, 55.3779,
83.1212

 0.6036, 0.0000,
1.2284

 84.9468, 74.7131,
108.9306

 0.0000, 0.0000,
0.0020


 109.8562, 98.0944,
139.5959


 0.0000, 0.0000,
0.0000

139.2132,


125.9061, 175.5354


173.3834,
158.5328, 217.1679


 14.3280, 10.8099,
20.0702


 14.3280, 10.8099,
20.0702


 13.5604, 9.2745,
19.8144


 15.2584, 12.6704,
20.3805


 12.9452, 8.0441,
19.6092


 16.3590, 14.8716,
20.7474


 12.4726, 7.0989,
19.4516


 17.6381, 17.4298,
21.1739


 12.1311, 6.4159,
19.3377

 19.1031, 20.3599,
21.6623


 11.9075, 5.9688,
19.2632


 20.7612, 23.6759,
22.2150

 11.7675, 5.6889,
19.2164

 22.6188, 27.3912,
22.8343

 11.7436, 5.6411,
19.2084

 24.6824, 31.5183,
23.5222

 26.9580, 36.0695,
24.2808

 29.4514, 41.0563,
25.1120

Harmonies

Analogous

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



12.3268, 10.8099, 26.7733



14.3280, 10.8099, 20.0702



15.2406, 10.8099, 12.5669

Triad

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



14.3280, 10.8099, 20.0702



10.5491, 10.8099, 3.2152



6.8582, 10.8099, 18.2042

Complementary

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



14.3280, 10.8099, 20.0702



11.3685, 16.2247, 9.3706

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.



6.5246, 10.8099, 11.0078



14.3280, 10.8099, 20.0702



8.4636, 10.8099, 3.7807

Square

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



14.3280, 10.8099, 20.0702



12.8667, 10.8099, 4.1583



7.0681, 10.8099, 6.1470



8.0561, 10.8099, 25.4477

Rectangle

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



14.3280, 10.8099, 20.0702



15.0231, 10.8099, 8.5988



7.0681, 10.8099, 6.1470



6.6496, 10.8099, 15.6386

Sweetspot

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



14.3284, 10.8104, 20.0704



30.8489, 29.7401, 37.6710



9.1406, 8.1360, 19.8279



7.2055, 6.8845, 8.8521



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.3284, 10.8104, 20.0704



24.4176, 16.8777, 35.5268



13.0294, 10.2908, 13.2302



4.1545, 4.0775, 5.0112



12.1485, 5.8355, 19.8706



57.9495, 27.8361, 94.7847

Inverse Universe

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



14.3284, 10.8104, 20.0704



24.4176, 16.8777, 35.5268



12.3400, 16.6133, 14.4869



4.1545, 4.0775, 5.0112



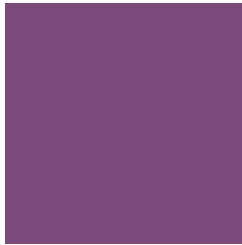
12.1485, 5.8355, 19.8706



57.9495, 27.8361, 94.7847

Previews

White Background



This preview shows how the XYZ color 14.3280, 10.8099, 20.0702 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 × Fail

Black Background



This preview shows how the XYZ color 14.3280, 10.8099, 20.0702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

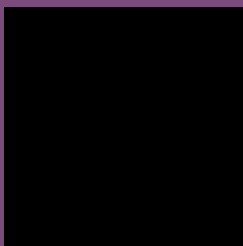
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.3280, 10.8099, 20.0702

Background



This preview shows how black text looks on a background with the XYZ color 14.3280, 10.8099, 20.0702.



This preview shows how white text looks on a background with the XYZ color 14.3280, 10.8099,

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

14.3280, 10.8099, 20.0702

Protanopia

11.3387, 10.8937, 24.4268

Deuteranopia

11.0617, 10.8645, 19.2833



Tritanopia

12.5042, 10.8297, 10.8825

Trichromacy



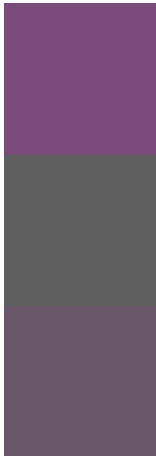
Original Color
14.3280, 10.8099, 20.0702

Protanomaly
12.1438, 10.7272, 22.9032

Deuteranomaly
12.0345, 10.7454, 19.5289

Tritanomaly
12.9634, 10.6700, 13.6882

Monochromacy



Original Color
14.3280, 10.8099, 20.0702

Achromatopsia
10.8771, 11.4435, 12.4620

Achromatomaly
11.8652, 11.0026, 14.8630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3280, 10.8099, 20.0702 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(123, 76, 123) looks like.

```
.text, #text, p{  
    color:rgb(123, 76, 123)  
}
```

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(123, 76, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 76, 123) }
```

Border

The CSS property to change the border of an element to XYZ 14.3280, 10.8099, 20.0702 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(123, 76, 123) }
```

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

```
.border{ border-color:rgb(123, 76, 123) }
```

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

Here you see how a box with a 4 pixel rgb(123, 76, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 76, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 76, 123);  
box-shadow:4px 4px 4px 4px rgb(123, 76,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3280, 10.8099, 20.0702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 76, 123) }
```

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

```
.background{ background-color: rgb(123, 76,  
123) }
```

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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