

Converting Colors

XYZ(14.3376, 11.2706, 20.0832)

Have a look what the booklet for
XYZ(14.3376, 11.2706, 20.0832)
contains.

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Color

**XYZ(14.3290, 11.2323,
20.1517)**

Conversions

Conversions Part 1

Format	Color
Hex	79507B
RGB	121, 80, 123
RGB Percent	47%, 31%, 48%
CMY	0.5255, 0.6863, 0.5176
CMYK	0.02, 0.35, 0.00, 0.52
HSL	297°, 21%, 40%
HSV	297°, 35%, 48%
XYZ	14.3290, 11.2323, 20.1517
YIQ	97.1610, 10.6330, 22.0650

Conversions

Conversions Part 2

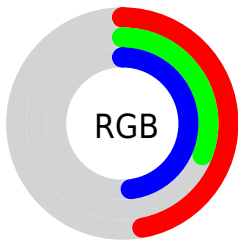
Format	Color
R _Y B	121, 80, 123
Decimal	7950459
CIE Lab	39.97, 24.87, -17.48
CIE LCh	40, 30.393, 324.896
Yxy	11.2323, 0.3135, 0.2457
Android (android.graphics.Color)	4286140539 (0xFF79507B)
YUV	97.1610, 12.7386, 20.9068
Hunter-Lab	33.5146, 17.6661, -12.1897

Details

The XYZ color **14.3290, 11.2323, 20.1517** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **12.0109, 16.5392, 10.1492**, and the grayscale version is **11.3700, 11.9621, 13.0267**.

A 20% lighter version of the original color is **33.2747, 28.0985, 44.7441**, and **4.4066, 2.9781, 6.8211** is the 20% darker color. If you saturate the color by 10%, you get **13.4298, 9.5523, 19.8750**, and if you desaturate by 10%, it is **15.3943, 13.2434, 20.4839**.

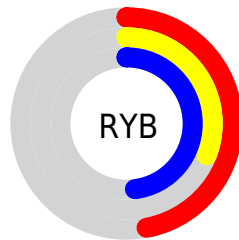
Distribution



Red (47%)

Green (31%)

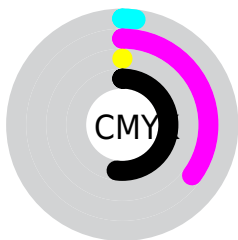
Blue (48%)



Red (47%)

Yellow (31%)

Blue (48%)

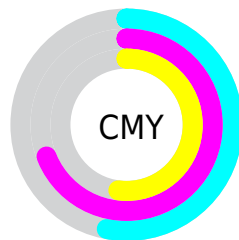


Cyan (2%)

Magenta (35%)

Yellow (0%)

Black (52%)



Cyan (53%)

Magenta (69%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3290, 11.2323, 20.1517 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 14.3290, 11.2323, 20.1517 by changing the saturation by 10% instead.

■ 14.3290, 11.2323,
20.1517

■ 14.3290, 11.2323,
20.1517

212.7380,
199.2544, 265.3665

■ 8.4331, 6.2233,
12.3202

■ 33.2531, 28.0889,
44.5337

■ 4.4274, 2.9813,
6.8370

■ 47.0119, 40.7054,
61.9212

■ 1.9467, 1.1220,
3.2834

■ 64.1225, 56.6264,
83.3312

■ 0.6037, 0.0000,
1.2411

■ 84.9501, 76.2364,
109.1822

■ 0.0000, 0.0000,
0.0128

■ 109.8600, 99.9199,
139.8927

■ 0.0000, 0.0000,
0.0000

139.2178,

128.0611, 175.8812

173.3886,
161.0444, 217.5663

■ 14.3290, 11.2323,
20.1517

■ 14.3290, 11.2323,
20.1517

■ 13.4298, 9.5523,
19.8750

■ 15.3943, 13.2434,
20.4839

■ 12.6866, 8.1837,
19.6500

■ 16.6330, 15.6006,
20.8736

■ 12.0898, 7.1075,
19.4737

■ 18.0531, 18.3201,
21.3237

■ 11.6286, 6.3015,
19.3424

■ 19.6619, 21.4163,
21.8365

■ 11.2902, 5.7407,
19.2520

■ 21.4664, 24.9031,
22.4144

■ 11.0555, 5.3862,
19.1960

■ 23.4731, 28.7936,
23.0596

■ 10.9492, 5.2315,
19.1717

■ 25.6882, 33.1002,
23.7741

■ 28.1177, 37.8348,
24.5599

■ 30.7673, 43.0091,
25.4190

Harmonies

Analogous

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



12.4663, 11.2323, 25.9920



14.3290, 11.2323, 20.1517



15.2204, 11.2323, 13.2871

Triad

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



14.3290, 11.2323, 20.1517



11.0389, 11.2323, 3.9532



7.4182, 11.2323, 17.7684

Complementary

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



14.3290, 11.2323, 20.1517



12.0109, 16.5392, 10.1492

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.



7.1402, 11.2323, 11.2306



14.3290, 11.2323, 20.1517



9.0658, 11.2323, 4.4574

Square

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



14.3290, 11.2323, 20.1517



13.1685, 11.2323, 5.0028



7.7034, 11.2323, 6.7157



8.5196, 11.2323, 24.3295

Rectangle

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



14.3290, 11.2323, 20.1517



15.0694, 11.2323, 9.4934



7.7034, 11.2323, 6.7157



7.2320, 11.2323, 15.4478

Sweetspot

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



14.3294, 11.2328, 20.1519



30.9421, 30.1487, 37.7451



9.9124, 9.1932, 19.9911



7.2185, 6.9688, 8.8677



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.



14.3294, 11.2328, 20.1519



24.3370, 17.6405, 35.6789



13.5183, 10.9411, 14.4034



4.1370, 4.0685, 5.0104



11.3256, 5.4113, 19.8329



53.8198, 25.7071, 94.5951

Inverse Universe

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



12.5603, 10.5579, 9.3588



20.6832, 16.2509, 13.1889



12.6605, 16.7792, 14.4641



4.0052, 4.0178, 4.2248



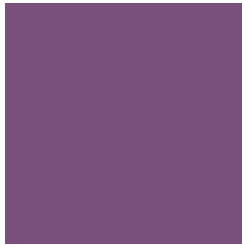
8.4820, 4.3689, 0.5631



40.3728, 20.8055, 2.2274

Previews

White Background



This preview shows how the XYZ color 14.3290, 11.2323, 20.1517 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 14.3290, 11.2323, 20.1517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

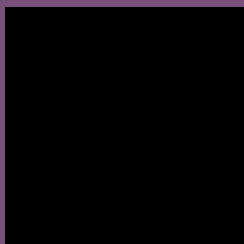
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.3290, 11.2323, 20.1517

Background



This preview shows how black text looks on a background with the XYZ color 14.3290, 11.2323, 20.1517.



This preview shows how white text looks on a background with the XYZ color 14.3290, 11.2323,

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

14.3290, 11.2323, 20.1517

Protanopia

11.6277, 11.3160, 23.7617

Deuteranopia

11.5820, 11.3828, 19.6758



Tritanopia

12.6397, 11.2278, 11.8569

Trichromacy



Original Color

14.3290, 11.2323, 20.1517

Protanomaly

12.2760, 11.0512, 22.2550

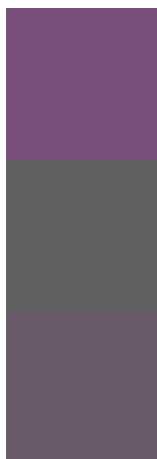
Deuteranomaly

12.3694, 11.1513, 19.9128

Tritanomaly

13.1402, 11.1917, 14.5643

Monochromacy



Original Color

14.3290, 11.2323, 20.1517

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

12.2865, 11.5869, 15.2246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3290, 11.2323, 20.1517 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(121, 80, 123)` looks like.

```
.text, #text, p{  
    color:rgb(121, 80, 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(121, 80, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 80, 123) }
```

Border

The CSS property to change the border of an element to XYZ 14.3290, 11.2323, 20.1517 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(121, 80, 123) }
```


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

```
.border{ border-color:rgb(121, 80, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 80, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 80, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 80, 123);  
box-shadow:4px 4px 4px 4px rgb(121, 80,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3290, 11.2323, 20.1517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 80, 123) }
```

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

```
.background{ background-color: rgb(121, 80,  
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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