

Converting Colors

XYZ(14.5117, 12.6904, 21.9346)

Have a look what the booklet for
XYZ(14.5117, 12.6904, 21.9346)
contains.

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Color

**XYZ(14.5335, 12.7235,
22.1120)**

Conversions

Conversions Part 1

Format	Color
Hex	715C80
RGB	113, 92, 128
RGB Percent	44%, 36%, 50%
CMY	0.5569, 0.6392, 0.4980
CMYK	0.12, 0.28, 0.00, 0.50
HSL	275°, 16%, 43%
HSV	275°, 28%, 50%
XYZ	14.5335, 12.7235, 22.1120
YIQ	102.3830, 0.9600, 15.6480

Conversions

Conversions Part 2

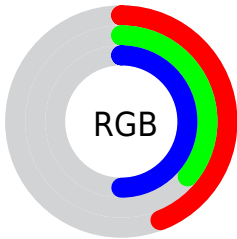
Format	Color
R_{YB}	113, 92, 128
Decimal	7429248
CIE _{Lab}	42.34, 15.89, -16.97
CIE _{LCh}	42, 23.245, 313.124
Yxy	12.7235, 0.2944, 0.2577
Android (android.graphics.Color)	4285619328 (0xFF715C80)
YUV	102.3830, 12.6292, 9.3111
Hunter-Lab	35.6700, 10.3061, -11.7851

Details

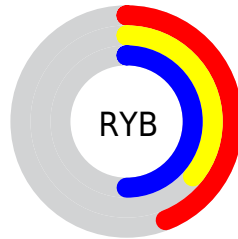
The XYZ color **14.5335, 12.7235, 22.1120** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **15.7147, 19.3372, 13.0299**, and the grayscale version is **12.6977, 13.3589, 14.5479**.

A 20% lighter version of the original color is **33.5305, 30.6815, 47.8709**, and **4.5683, 3.6423, 7.8594** is the 20% darker color. If you saturate the color by 10%, you get **12.8510, 10.3471, 21.7422**, and if you desaturate by 10%, it is **16.4446, 15.4965, 22.5467**.

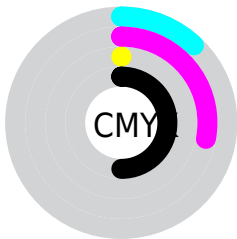
Distribution



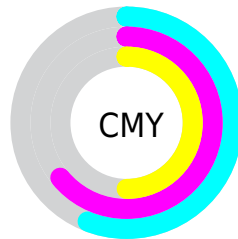
- Red (44%)
- Green (36%)
- Blue (50%)



- Red (44%)
- Yellow (36%)
- Blue (50%)



- Cyan (12%)
- Magenta (28%)
- Yellow (0%)
- Black (50%)



- Cyan (56%)
- Magenta (64%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5335, 12.7235, 22.1120 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 14.5335, 12.7235, 22.1120 by changing the saturation by 10% instead.

■ 14.5335, 12.7235,
22.1120

■ 14.5335, 12.7235,
22.1120

213.9698,
209.1379, 276.1032

■ 8.5768, 7.2384,
13.7401

■ 33.6111, 30.8061,
47.8356

■ 4.5211, 3.6117,
7.8035

■ 47.4628, 44.1725,
66.0244

■ 2.0009, 1.4588,
3.8835

■ 64.6768, 60.9347,
88.3226

■ 0.6345, 0.2595,
1.5616

■ 85.6185, 81.4772,
115.1487

■ 0.0000, 0.0000,
0.2632

110.6533,
106.1844, 146.9213

■ 0.0000, 0.0000,
0.0000

140.1466,

135.4407, 184.0588

174.4636,
169.6304, 226.9800

■ 14.5335, 12.7235,
22.1120

■ 14.5335, 12.7235,
22.1120

■ 12.8510, 10.3471,
21.7422

■ 16.4446, 15.4965,
22.5467

■ 11.3856, 8.3465,
21.4333

■ 18.5923, 18.6824,
23.0485

■ 10.1270, 6.7014,
21.1821

■ 20.9861, 22.2983,
23.6202

■ 9.0630, 5.3890,
20.9848

■ 23.6342, 26.3602,
24.2647

■ 8.1803, 4.3835,
20.8373

■ 26.5446, 30.8830,
24.9843

7.4635, 3.6553,
20.7345

29.7250, 35.8810,
25.7814

6.8766, 3.1336,
20.6647

33.1825, 41.3678,
26.6582

6.7720, 3.0410,
20.6524

36.9241, 47.3566,
27.6169

40.9566, 53.8598,
28.6597

Harmonies

Analogous

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



12.8708, 12.7235, 25.4694



14.5335, 12.7235, 22.1120



15.5945, 12.7235, 16.8329

Triad

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



14.5335, 12.7235, 22.1120



13.0931, 12.7235, 6.5459



9.1127, 12.7235, 16.1508

Complementary

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



14.5335, 12.7235, 22.1120



15.7147, 19.3372, 13.0299

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.



9.1598, 12.7235, 11.2486



14.5335, 12.7235, 22.1120



11.3478, 12.7235, 6.4477

Square

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



14.5335, 12.7235, 22.1120



14.7097, 12.7235, 8.2711



9.9428, 12.7235, 7.9599



9.8072, 12.7235, 21.5103

Rectangle

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



14.5335, 12.7235, 22.1120



15.7602, 12.7235, 13.3369



9.9428, 12.7235, 7.9599



9.0444, 12.7235, 14.3837

Sweetspot

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



14.5339, 12.7240, 22.1123



32.7102, 32.8567, 40.5742



13.6308, 14.4752, 22.4979



7.5352, 7.5085, 9.4705



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.5339, 12.7240, 22.1123



23.5724, 19.5403, 38.4855



16.4697, 13.7400, 21.3879



4.3303, 4.3259, 5.4200



6.7164, 3.0162, 20.4781



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.3835, 13.3055, 15.6678



25.4095, 20.7918, 24.8195



14.1716, 18.5294, 13.5142



4.3963, 4.3717, 4.8914



9.4725, 4.8087, 3.8122



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.5335, 12.7235, 22.1120 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 14.5335, 12.7235, 22.1120 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 14.5335, 12.7235, 22.1120

Background



This preview shows how black text looks on a background with the XYZ color 14.5335, 12.7235, 22.1120.



This preview shows how white text looks on a background with the XYZ color 14.5335, 12.7235,

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

14.5335, 12.7235, 22.1120

Protanopia

13.0099, 12.8413, 23.9832

Deuteranopia

13.0223, 12.7545, 21.8542



Tritanopia

13.0801, 12.8001, 14.8780

Trichromacy



Original Color

14.5335, 12.7235, 22.1120

Protanomaly

13.4252, 12.6571, 23.2082

Deuteranomaly

13.4931, 12.7228, 21.8233

Tritanomaly

13.5033, 12.6917, 17.3608

Monochromacy



Original Color

14.5335, 12.7235, 22.1120

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.1808, 12.9472, 16.8433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5335, 12.7235, 22.1120 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(113, 92, 128)` looks like.

```
.text, #text, p{  
    color:rgb(113, 92, 128)  
}
```

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(113, 92, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 92, 128) }
```

Border

The CSS property to change the border of an element to XYZ 14.5335, 12.7235, 22.1120 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(113, 92, 128) }
```


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

```
.border{ border-color:rgb(113, 92, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 92, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 92, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 92, 128);  
box-shadow:4px 4px 4px 4px rgb(113, 92,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5335, 12.7235, 22.1120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 92, 128) }
```

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

```
.background{ background-color: rgb(113, 92,  
128) }
```

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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