

Converting Colors

XYZ(15.4198, 14.0199, 24.0989)

Have a look what the booklet for
XYZ(15.4198, 14.0199, 24.0989)
contains.

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Color

**XYZ(15.5055, 14.1278,
24.1000)**

Conversions

Conversions Part 1

Format	Color
Hex	716385
RGB	113, 99, 133
RGB Percent	44%, 39%, 52%
CMY	0.5569, 0.6118, 0.4784
CMYK	0.15, 0.26, 0.00, 0.48
HSL	265°, 15%, 45%
HSV	265°, 26%, 52%
XYZ	15.5055, 14.1278, 24.1000
YIQ	107.0620, -2.5700, 13.5420

Conversions

Conversions Part 2

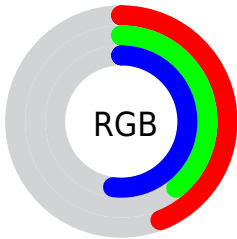
Format	Color
R_{YB}	113, 99, 133
Decimal	7431045
CIE Lab	44.42, 12.79, -16.82
CIE LCh	44, 21.128, 307.259
Yxy	14.1278, 0.2886, 0.2629
Android (android.graphics.Color)	4285621125 (0xFF716385)
YUV	107.0620, 12.7874, 5.2076
Hunter-Lab	37.5870, 7.8582, -11.7047

Details

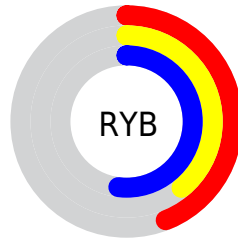
The XYZ color **15.5055, 14.1278, 24.1000** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **18.2478, 21.5982, 15.0121**, and the grayscale version is **13.9588, 14.6858, 15.9928**.

A 20% lighter version of the original color is **35.2863, 33.3572, 51.0332**, and **4.9693, 4.2043, 8.7332** is the 20% darker color. If you saturate the color by 10%, you get **13.3843, 11.3156, 23.6692**, and if you desaturate by 10%, it is **17.9219, 17.4010, 24.6047**.

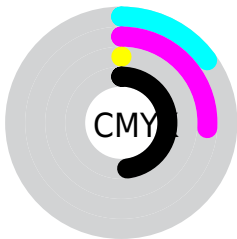
Distribution



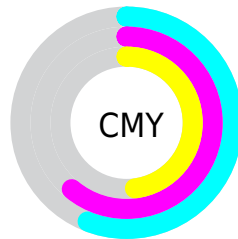
- Red (44%)
- Green (39%)
- Blue (52%)



- Red (44%)
- Yellow (39%)
- Blue (52%)



- Cyan (15%)
- Magenta (26%)
- Yellow (0%)
- Black (48%)



- Cyan (56%)
- Magenta (61%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5055, 14.1278, 24.1000 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 15.5055, 14.1278, 24.1000 by changing the saturation by 10% instead.

■ 15.5055, 14.1278,
24.1000

■ 15.5055, 14.1278,
24.1000

219.7340,
218.0244, 286.6285

■ 9.2635, 8.2096,
15.1949

■ 35.3020, 33.3156,
51.1392

■ 4.9720, 4.2294,
8.8082

■ 49.5872, 47.3540,
70.1104

■ 2.2654, 1.8027,
4.5212

■ 67.2843, 64.8680,
93.2741

■ 0.7769, 0.4888,
1.9154

■ 88.7585, 86.2418,
121.0488

■ 0.0000, 0.0000,
0.5025

114.3752,
111.8600, 153.8531

■ 0.0000, 0.0000,
0.0000

144.4998,

142.1069, 192.1054

179.4976,
177.3669, 236.2244

■ 15.5055, 14.1278,
24.1000

■ 15.5055, 14.1278,
24.1000

■ 13.3843, 11.3156,
23.6692

■ 17.9219, 17.4010,
24.6047

■ 11.5447, 8.9412,
23.3079

■ 20.6438, 21.1534,
25.1855

■ 9.9738, 6.9821,
23.0125

■ 23.6824, 25.4044,
25.8459

■ 8.6572, 5.4127,
22.7790

■ 27.0482, 30.1717,
26.5887

■ 7.5788, 4.2049,
22.6027

■ 30.7510, 35.4724,
27.4166

6.7207, 3.3264,
22.4783

34.8002, 41.3224,
28.3324

6.0564, 2.7282,
22.3979

39.2048, 47.7372,
29.3384

5.7963, 2.4990,
22.3674

43.9736, 54.7316,
30.4371

49.1150, 62.3198,
31.6308

Harmonies

Analogous

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



13.8452, 14.1278, 26.6614



15.5055, 14.1278, 24.1000



16.6734, 14.1278, 19.2923

Triad

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



15.5055, 14.1278, 24.1000



14.7315, 14.1278, 8.2644



10.4399, 14.1278, 16.5960

Complementary

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



15.5055, 14.1278, 24.1000



18.2478, 21.5982, 15.0121

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.



10.6337, 14.1278, 12.0407



15.5055, 14.1278, 24.1000



13.0193, 14.1278, 7.8405

Square

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



15.5055, 14.1278, 24.1000



16.2009, 14.1278, 10.3834



11.5450, 14.1278, 9.0709



10.9911, 14.1278, 21.7739

Rectangle

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



15.5055, 14.1278, 24.1000



16.9643, 14.1278, 15.8348



11.5450, 14.1278, 9.0709



10.4209, 14.1278, 14.9394

Sweetspot

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



15.5060, 14.1284, 24.1003



35.6377, 36.0360, 44.8157



16.0242, 17.6356, 24.7500



7.8796, 7.9122, 10.0646



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



15.5060, 14.1284, 24.1003



25.3731, 22.1119, 42.6691



17.8405, 15.3319, 24.2096



4.6026, 4.6313, 5.8521



5.5298, 2.3849, 21.3056



0.0271, 0.0124, 0.0742

Inverse Universe

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



17.4649, 15.2427, 19.4749



29.6037, 24.5209, 32.5645



16.1650, 20.5245, 14.9146



4.7789, 4.7312, 5.4479



10.5356, 5.2786, 7.3928



0.0401, 0.0197, 0.0448

Previews

White Background



This preview shows how the XYZ color 15.5055, 14.1278, 24.1000 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 15.5055, 14.1278, 24.1000 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 15.5055, 14.1278, 24.1000

Background



This preview shows how black text looks on a background with the XYZ color 15.5055, 14.1278, 24.1000.



This preview shows how white text looks on a background with the XYZ color 15.5055, 14.1278,

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

15.5055, 14.1278, 24.1000

Protanopia

14.2895, 14.1936, 25.6534

Deuteranopia

14.3819, 14.1331, 23.7998



Tritanopia

14.0262, 14.0994, 17.0211

Trichromacy



Original Color

15.5055, 14.1278, 24.1000

Protanomaly

14.6748, 14.1051, 25.2417

Deuteranomaly

14.7419, 14.1719, 23.7883

Tritanomaly

14.5116, 14.1496, 19.4191

Monochromacy



Original Color

15.5055, 14.1278, 24.1000

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.4094, 14.4128, 18.5455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5055, 14.1278, 24.1000 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, 99, 133)` looks like.

```
.text, #text, p{  
    color:rgb(113, 99, 133)  
}
```

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, 99, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 99, 133) }
```

Border

The CSS property to change the border of an element to XYZ 15.5055, 14.1278, 24.1000 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, 99, 133) }
```


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

```
.border{ border-color:rgb(113, 99, 133) }
```

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

Here you see how a box with a 4 pixel rgb(113, 99, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 99, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 99, 133);  
box-shadow:4px 4px 4px 4px rgb(113, 99,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5055, 14.1278, 24.1000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 99, 133) }
```

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

```
.background{ background-color: rgb(113, 99,  
133) }
```

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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