

Converting Colors

XYZ(14.8283, 13.7707, 24.4307)

Have a look what the booklet for
XYZ(14.8283, 13.7707, 24.4307)
contains.

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Color

**XYZ(14.8283, 13.7707,
24.4307)**

Conversions

Conversions Part 1

Format	Color
Hex	6B6386
RGB	107, 99, 134
RGB Percent	42%, 39%, 53%
CMY	0.5804, 0.6118, 0.4745
CMYK	0.20, 0.26, 0.00, 0.47
HSL	254°, 15%, 46%
HSV	254°, 26%, 53%
XYZ	14.8283, 13.7707, 24.4307
YIQ	105.3820, -6.4670, 12.5810

Conversions

Conversions Part 2

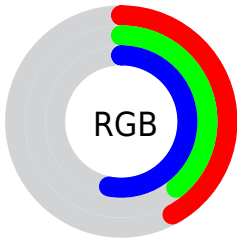
Format	Color
RYB	107, 99, 134
Decimal	7037830
CIELab	43.90, 10.97, -18.25
CIELCh	44, 21.293, 301.001
Yxy	13.7707, 0.2796, 0.2597
Android (android.graphics.Color)	4285227910 (0xFF6B6386)
YUV	105.3820, 14.1087, 1.4190
Hunter-Lab	37.1089, 6.3860, -13.0574

Details

The XYZ color **14.8283, 13.7707, 24.4307** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **19.3818, 22.3870, 15.1046**, and the grayscale version is **13.4954, 14.1982, 15.4618**.

A 20% lighter version of the original color is **34.1741, 32.7715, 51.5381**, and **4.6319, 4.0259, 8.9205** is the 20% darker color. If you saturate the color by 10%, you get **12.4933, 10.8365, 23.9876**, and if you desaturate by 10%, it is **17.5235, 17.2040, 24.9516**.

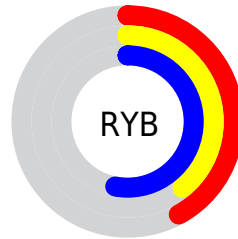
Distribution



Red (42%)

Green (39%)

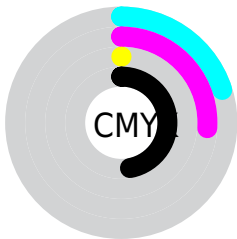
Blue (53%)



Red (42%)

Yellow (39%)

Blue (53%)

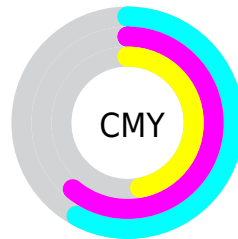


Cyan (20%)

Magenta (26%)

Yellow (0%)

Black (47%)



Cyan (58%)

Magenta (61%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8283, 13.7707, 24.4307 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 14.8283, 13.7707, 24.4307 by changing the saturation by 10% instead.

■ 14.8283, 13.7707,
24.4307

■ 14.8283, 13.7707,
24.4307

215.7336,
215.7996, 288.3472

■ 8.7845, 7.9614,
15.4383

■ 34.1258, 32.6816,
51.6847

■ 4.6569, 4.0702,
8.9775

■ 48.1103, 46.5520,
70.7834

■ 2.0800, 1.7129,
4.6299

■ 65.4723, 63.8781,
94.0880

■ 0.6783, 0.4320,
1.9769

■ 86.5772, 85.0445,
122.0169

■ 0.0000, 0.0000,
0.5410

111.7905,
110.4354, 154.9887

■ 0.0000, 0.0000,
0.0000

141.4774,

140.4353, 193.4220

176.0034,
175.4286, 237.7353

■ 14.8283, 13.7707,
24.4307

■ 14.8283, 13.7707,
24.4307

■ 12.4933, 10.8365,
23.9876

■ 17.5235, 17.2040,
24.9516

■ 10.5015, 8.3761,
23.6177

■ 20.5922, 21.1566,
25.5528

■ 8.8366, 6.3649,
23.3173

■ 24.0486, 25.6496,
26.2378

■ 7.4803, 4.7750,
23.0819

■ 27.9057, 30.7025,
27.0098

■ 6.4125, 3.5755,
22.9066

■ 32.1762, 36.3338,
27.8717

■ 5.6105, 2.7310,
22.7859

■ 36.8718, 42.5610,
28.8262

■ 5.0405, 2.1852,
22.7106

■ 42.0040, 49.4011,
29.8760

■ 4.8570, 2.0068,
22.6858

■ 47.5838, 56.8702,
31.0236

■ 53.6218, 64.9840,
32.2715

Harmonies

Analogous

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



13.1453, 13.7707, 26.3092



14.8283, 13.7707, 24.4307



16.1300, 13.7707, 19.9543

Triad

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



14.8283, 13.7707, 24.4307



14.7221, 13.7707, 8.2575



10.1106, 13.7707, 15.1565

Complementary

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



14.8283, 13.7707, 24.4307



19.3818, 22.3870, 15.1046

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.



10.4558, 13.7707, 10.9324



14.8283, 13.7707, 24.4307



13.0322, 13.7707, 7.5016

Square

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



14.8283, 13.7707, 24.4307



16.0651, 13.7707, 10.7067



11.4907, 13.7707, 8.3668



10.5046, 13.7707, 20.2956

Rectangle

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



14.8283, 13.7707, 24.4307



16.5545, 13.7707, 16.4919



11.4907, 13.7707, 8.3668



10.1438, 13.7707, 13.5896

Sweetspot

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



14.8287, 13.7713, 24.4310



35.1133, 35.7656, 44.7912



16.9633, 19.4028, 25.4055



7.7438, 7.8422, 10.0583



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.



14.8287, 13.7713, 24.4310



23.7606, 21.2806, 42.5937



17.0896, 14.9368, 24.5368



4.5268, 4.5921, 5.8485



4.5600, 1.8849, 21.2602



0.0213, 0.0093, 0.0739

Inverse Universe

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



18.0597, 15.4989, 21.7789



30.4393, 24.8551, 36.9643



17.0741, 21.1973, 14.9966



4.8136, 4.7451, 5.6306



11.5297, 5.6762, 12.6276



0.0427, 0.0208, 0.0582

Previews

White Background



This preview shows how the XYZ color 14.8283, 13.7707, 24.4307 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 14.8283, 13.7707, 24.4307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

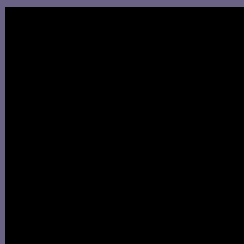
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.8283, 13.7707, 24.4307

Background



This preview shows how black text looks on a background with the XYZ color 14.8283, 13.7707, 24.4307.



This preview shows how white text looks on a background with the XYZ color 14.8283, 13.7707,

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

14.8283, 13.7707, 24.4307

Protanopia

14.0849, 13.9395, 25.6152

Deuteranopia

14.0220, 13.7929, 24.1136



Tritanopia

13.3130, 13.7318, 16.9877

Trichromacy



Original Color

14.8283, 13.7707, 24.4307

Protanomaly

14.3409, 13.9330, 25.2260

Deuteranomaly

14.2541, 13.7675, 24.0964

Tritanomaly

13.7901, 13.7777, 19.3853

Monochromacy



Original Color

14.8283, 13.7707, 24.4307

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.9465, 14.0256, 18.4952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8283, 13.7707, 24.4307 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(107, 99, 134)` looks like.

```
.text, #text, p{  
    color:rgb(107, 99, 134)  
}
```

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(107, 99, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 99, 134) }
```

Border

The CSS property to change the border of an element to XYZ 14.8283, 13.7707, 24.4307 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(107, 99, 134) }
```


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

```
.border{ border-color:rgb(107, 99, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 99, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 99, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 99, 134); box-shadow:4px 4px 4px 4px rgb(107, 99, 134) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8283, 13.7707, 24.4307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 99, 134) }
```

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

```
.background{ background-color: rgb(107, 99,  
134) }
```

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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