

Converting Colors

XYZ(14.3864, 12.9210, 19.0052)

Have a look what the booklet for
XYZ(14.3864, 12.9210, 19.0052)
contains.

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Color

**XYZ(14.3429, 12.9583,
18.8848)**

Conversions

Conversions Part 1

Format	Color
Hex	735E76
RGB	115, 94, 118
RGB Percent	45%, 37%, 46%
CMY	0.5490, 0.6314, 0.5373
CMYK	0.03, 0.20, 0.00, 0.54
HSL	292°, 11%, 42%
HSV	292°, 20%, 46%
XYZ	14.3429, 12.9583, 18.8848
YIQ	103.0150, 4.8120, 11.9160

Conversions

Conversions Part 2

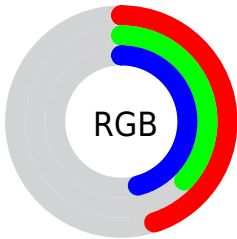
Format	Color
R_{YB}	115, 94, 118
Decimal	7560822
CIE Lab	42.70, 13.18, -10.33
CIE LCh	43, 16.743, 321.913
Yxy	12.9583, 0.3105, 0.2806
Android (android.graphics.Color)	4285750902 (0xFF735E76)
YUV	103.0150, 7.3876, 10.5108
Hunter-Lab	35.9976, 8.1257, -5.9059

Details

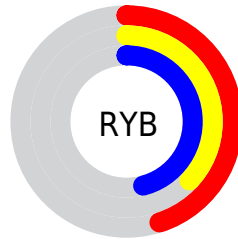
The XYZ color **14.3429, 12.9583, 18.8848** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.4292, 16.3068, 13.0302**, and the grayscale version is **12.8766, 13.5472, 14.7529**.

A 20% lighter version of the original color is **33.1653, 31.0643, 42.2782**, and **4.4772, 3.7494, 6.2821** is the 20% darker color. If you saturate the color by 10%, you get **13.1804, 10.9189, 18.5526**, and if you desaturate by 10%, it is **15.6697, 15.3213, 19.2712**.

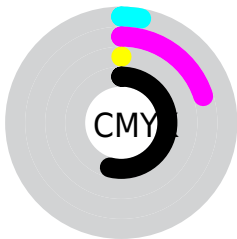
Distribution



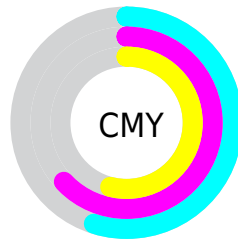
- Red (45%)
- Green (37%)
- Blue (46%)



- Red (45%)
- Yellow (37%)
- Blue (46%)



- Cyan (3%)
- Magenta (20%)
- Yellow (0%)
- Black (54%)



- Cyan (55%)
- Magenta (63%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3429, 12.9583, 18.8848 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 14.3429, 12.9583, 18.8848 by changing the saturation by 10% instead.

■ 14.3429, 12.9583,
18.8848

■ 14.3429, 12.9583,
18.8848

212.8219,
210.6502, 258.2136

■ 8.4428, 7.3998,
11.4111

■ 33.2774, 31.2288,
42.3735

■ 4.4338, 3.7134,
6.2264

■ 47.0426, 44.7097,
59.2255

■ 1.9503, 1.5146,
2.9122

■ 64.1602, 61.6002,
80.0407

■ 0.6058, 0.2989,
1.0500

■ 84.9956, 82.2846,
105.2376

■ 0.0000, 0.0000,
0.0000

109.9141,
107.1475, 135.2349

139.2811,

136.5731, 170.4509

173.4619,
170.9459, 211.3043

■ 14.3429, 12.9583,
18.8848

■ 14.3429, 12.9583,
18.8848

■ 13.1804, 10.9189,
18.5526

■ 15.6697, 15.3213,
19.2712

■ 12.1739, 9.1869,
18.2714

■ 17.1664, 18.0198,
19.7131

■ 11.3157, 7.7472,
18.0387

■ 18.8400, 21.0672,
20.2132

■ 10.5975, 6.5828,
17.8518

■ 20.6964, 24.4757,
20.7732

■ 10.0097, 5.6748,
17.7075

■ 22.7415, 28.2568,
21.3953

9.5419, 5.0021,
17.6023

24.9807, 32.4216,
22.0811

9.1816, 4.5401,
17.5322

27.4195, 36.9807,
22.8326

8.8919, 4.2062,
17.4830

30.0628, 41.9442,
23.6513

32.9157, 47.3219,
24.5390

Harmonies

Analogous

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



13.2517, 12.9583, 21.6541



14.3429, 12.9583, 18.8848



14.8993, 12.9583, 15.1176

Triad

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



14.3429, 12.9583, 18.8848



12.6637, 12.9583, 8.2500



10.1845, 12.9583, 16.8873

Complementary

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



14.3429, 12.9583, 18.8848



13.4292, 16.3068, 13.0302

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.



10.0508, 12.9583, 13.1470



14.3429, 12.9583, 18.8848



11.4263, 12.9583, 8.5589

Square

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



14.3429, 12.9583, 18.8848



13.8872, 12.9583, 9.2844



10.4905, 12.9583, 10.2156



10.8689, 12.9583, 20.3697

Rectangle

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



14.3429, 12.9583, 18.8848



14.8671, 12.9583, 12.7127



10.4905, 12.9583, 10.2156



10.0756, 12.9583, 15.6048

Sweetspot

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



14.3433, 12.9589, 18.8851



28.6170, 28.8531, 34.1979



12.1800, 12.2748, 18.8671



6.5515, 6.5833, 7.8544



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



14.3433, 12.9589, 18.8851



24.3143, 21.1894, 32.9455



14.2455, 12.9661, 16.2769



3.7838, 3.7358, 4.6119



9.6126, 4.5468, 18.9135



46.3488, 21.9022, 92.1450

Inverse Universe

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



13.6321, 12.7207, 13.0471



22.8579, 20.7051, 20.8396



13.5332, 16.3122, 15.2153



3.7009, 3.7076, 3.9516



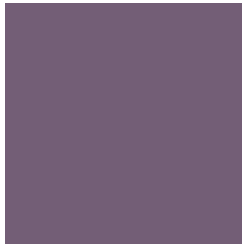
8.1712, 4.2022, 0.8438



39.6391, 20.4058, 3.1629

Previews

White Background



This preview shows how the XYZ color 14.3429, 12.9583, 18.8848 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 14.3429, 12.9583, 18.8848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

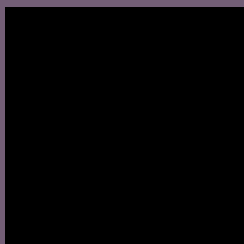
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.3429, 12.9583, 18.8848

Background



This preview shows how black text looks on a background with the XYZ color 14.3429, 12.9583, 18.8848.



This preview shows how white text looks on a background with the XYZ color 14.3429, 12.9583,

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

14.3429, 12.9583, 18.8848

Protanopia

12.8939, 13.0063, 20.2432

Deuteranopia

13.1721, 12.9033, 18.6260



Tritanopia

13.4916, 12.8759, 14.8709

Trichromacy



Original Color

14.3429, 12.9583, 18.8848

Protanomaly

13.4124, 12.9994, 19.8914

Deuteranomaly

13.5490, 12.9595, 18.6170

Tritanomaly

13.7920, 12.8660, 16.2245

Monochromacy



Original Color

14.3429, 12.9583, 18.8848

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.3274, 13.3229, 16.0565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3429, 12.9583, 18.8848 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(115, 94, 118)` looks like.

```
.text, #text, p{  
    color:rgb(115, 94, 118)  
}
```

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(115, 94, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 94, 118) }
```

Border

The CSS property to change the border of an element to XYZ 14.3429, 12.9583, 18.8848 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(115, 94, 118) }
```


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

```
.border{ border-color:rgb(115, 94, 118) }
```

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

Here you see how a box with a 4 pixel rgb(115, 94, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 94, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 94, 118);  
box-shadow:4px 4px 4px 4px rgb(115, 94,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3429, 12.9583, 18.8848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 94, 118) }
```

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

```
.background{ background-color: rgb(115, 94,  
118) }
```

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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