

Converting Colors

XYZ(15.6495, 14.4055, 27.8817)

Have a look what the booklet for
XYZ(15.6495, 14.4055, 27.8817)
contains.

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Color

**XYZ(15.6750, 14.4163,
27.9431)**

Conversions

Conversions Part 1

Format	Color
Hex	6B658F
RGB	107, 101, 143
RGB Percent	42%, 40%, 56%
CMY	0.5804, 0.6039, 0.4392
CMYK	0.25, 0.29, 0.00, 0.44
HSL	249°, 17%, 48%
HSV	249°, 29%, 56%
XYZ	15.6750, 14.4163, 27.9431
YIQ	107.5820, -9.9060, 14.3340

Conversions

Conversions Part 2

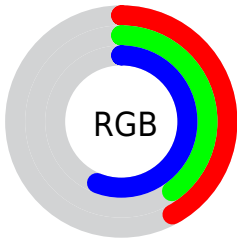
Format	Color
R_{YB}	107, 101, 143
Decimal	7038351
CIE Lab	44.82, 12.02, -22.23
CIE LCh	45, 25.271, 298.407
Yxy	14.4163, 0.2701, 0.2484
Android (android.graphics.Color)	4285228431 (0xFF6B658F)
YUV	107.5820, 17.4611, -0.5104
Hunter-Lab	37.9688, 7.2463, -17.0563

Details

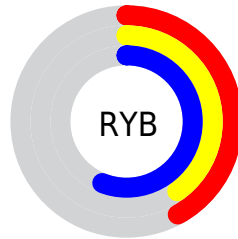
The XYZ color **15.6750, 14.4163, 27.9431** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.4883, 25.9032, 16.1270**, and the grayscale version is **14.0921, 14.8260, 16.1455**.

A 20% lighter version of the original color is **35.6044, 33.8586, 57.4821**, and **4.9959, 4.3106, 10.6939** is the 20% darker color. If you saturate the color by 10%, you get **13.0349, 11.1707, 27.4560**, and if you desaturate by 10%, it is **18.7666, 18.2540, 28.5211**.

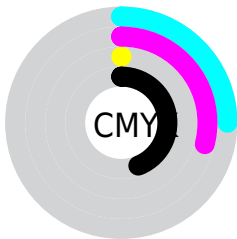
Distribution



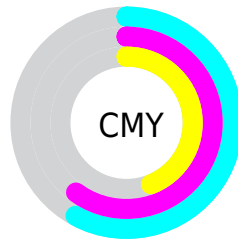
- Red (42%)
- Green (40%)
- Blue (56%)



- Red (42%)
- Yellow (40%)
- Blue (56%)



- Cyan (25%)
- Magenta (29%)
- Yellow (0%)
- Black (44%)



- Cyan (58%)
- Magenta (60%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6750, 14.4163, 27.9431 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 15.6750, 14.4163, 27.9431 by changing the saturation by 10% instead.

■ 15.6750, 14.4163,
27.9431

■ 15.6750, 14.4163,
27.9431

220.7245,
219.8055, 306.0983

■ 9.3839, 8.4108,
18.0441

■ 35.5951, 33.8259,
57.4156

■ 5.0515, 4.3589,
10.8119

■ 49.9547, 47.9987,
77.8262

■ 2.3126, 1.8763,
5.8279

■ 67.7346, 65.6628,
102.5777

■ 0.8011, 0.5341,
2.6736

■ 89.3000, 87.2025,
132.0887

■ 0.0000, 0.0000,
0.9301

115.0164,
113.0023, 166.7777

■ 0.0000, 0.0000,
0.0000

145.2490,

143.4464, 207.0633

180.3633,
178.9193, 253.3640

■ 15.6750, 14.4163,
27.9431

■ 15.6750, 14.4163,
27.9431

■ 13.0349, 11.1707,
27.4560

■ 18.7666, 18.2540,
28.5211

■ 10.8236, 8.4858,
27.0543

■ 22.3281, 22.7095,
29.1934

■ 9.0186, 6.3303,
26.7334

■ 26.3785, 27.8091,
29.9643

■ 7.5946, 4.6686,
26.4877

■ 30.9357, 33.5770,
30.8374

■ 6.5237, 3.4610,
26.3111

■ 36.0162, 40.0364,
31.8164

■ 5.7736, 2.6615,
26.1963

■ 41.6360, 47.2090,
32.9047

■ 5.2813, 2.1644,
26.1263

■ 47.8106, 55.1159,
34.1054

■ 5.2553, 2.1364,
26.1223

■ 54.5544, 63.7771,
35.4218

■ 61.8818, 73.2119,
36.8567

Harmonies

Analogous

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



13.5924, 14.4163, 29.9918



15.6750, 14.4163, 27.9431



17.3620, 14.4163, 22.4237

Triad

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



15.6750, 14.4163, 27.9431



15.8846, 14.4163, 7.8794



10.1109, 14.4163, 15.3836

Complementary

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



15.6750, 14.4163, 27.9431



22.4883, 25.9032, 16.1270

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.



10.5968, 14.4163, 10.4711



15.6750, 14.4163, 27.9431



13.8127, 14.4163, 6.8667

Square

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



15.6750, 14.4163, 27.9431



17.4912, 14.4163, 10.8937



11.9024, 14.4163, 7.6818



10.5043, 14.4163, 21.7379

Rectangle

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



15.6750, 14.4163, 27.9431



17.9617, 14.4163, 18.0894



11.9024, 14.4163, 7.6818



10.1758, 14.4163, 13.5252

Sweetspot

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



15.6755, 14.4169, 27.9434



40.1079, 40.8221, 52.3036



19.3278, 22.7555, 29.3605



8.9919, 9.1033, 11.9554



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.6755, 14.4169, 27.9434



24.9687, 21.9957, 49.4676



18.4541, 15.8493, 28.0735



5.1969, 5.2897, 6.7759



4.6583, 1.8951, 23.0973



0.0556, 0.0238, 0.2213

Inverse Universe

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



20.4971, 16.9537, 25.8594



35.0434, 27.3001, 44.9353



19.4276, 24.3253, 15.9838



5.5936, 5.4980, 6.6238



13.1591, 6.4207, 17.0210



0.1317, 0.0637, 0.1937

Previews

White Background



This preview shows how the XYZ color 15.6750, 14.4163, 27.9431 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 15.6750, 14.4163, 27.9431 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 15.6750, 14.4163, 27.9431

Background



This preview shows how black text looks on a background with the XYZ color 15.6750, 14.4163, 27.9431.



This preview shows how white text looks on a background with the XYZ color 15.6750, 14.4163,

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

15.6750, 14.4163, 27.9431

Protanopia

14.8560, 14.5582, 29.2211

Deuteranopia

14.6567, 14.3404, 27.5867



Tritanopia

13.7280, 14.3707, 18.2699

Trichromacy



Original Color

15.6750, 14.4163, 27.9431

Protanomaly

15.2067, 14.5976, 28.8042

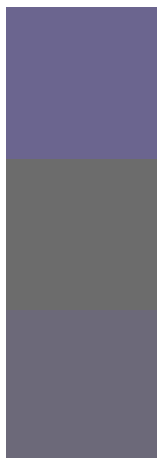
Deuteranomaly

14.9883, 14.3628, 27.5735

Tritanomaly

14.3609, 14.3244, 21.4100

Monochromacy



Original Color

15.6750, 14.4163, 27.9431

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.6871, 14.6718, 20.1470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6750, 14.4163, 27.9431 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, 101, 143)` looks like.

```
.text, #text, p{  
    color:rgb(107, 101, 143)  
}
```

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, 101, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 101, 143) }
```

Border

The CSS property to change the border of an element to XYZ 15.6750, 14.4163, 27.9431 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, 101, 143) }
```


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

```
.border{ border-color:rgb(107, 101, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 101, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 101, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 101, 143);  
box-shadow:4px 4px 4px 4px rgb(107, 101,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6750, 14.4163, 27.9431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 101, 143) }
```

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

```
.background{ background-color: rgb(107,  
101, 143) }
```

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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