

Converting Colors

XYZ(17.3673, 15.0011, 31.0467)

Have a look what the booklet for
XYZ(17.3673, 15.0011, 31.0467)
contains.

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Color

**XYZ(17.3839, 14.9400,
31.2456)**

Conversions

Conversions Part 1

Format	Color
Hex	756397
RGB	117, 99, 151
RGB Percent	46%, 39%, 59%
CMY	0.5412, 0.6118, 0.4078
CMYK	0.23, 0.34, 0.00, 0.41
HSL	261°, 21%, 49%
HSV	261°, 34%, 59%
XYZ	17.3839, 14.9400, 31.2456
YIQ	110.3100, -5.9640, 19.9880

Conversions

Conversions Part 2

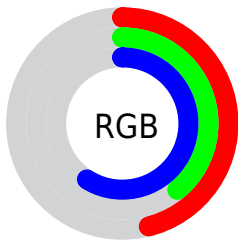
Format	Color
R_{YB}	117, 99, 151
Decimal	7693207
CIE _{Lab}	45.55, 18.51, -25.79
CIE _{LCh}	46, 31.748, 305.660
Yxy	14.9400, 0.2735, 0.2350
Android (android.graphics.Color)	4285883287 (0xFF756397)
YUV	110.3100, 20.0602, 5.8671
Hunter-Lab	38.6523, 12.6390, -20.8720

Details

The XYZ color **17.3839, 14.9400, 31.2456** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.9920, 28.0209, 16.0018**, and the grayscale version is **14.8559, 15.6295, 17.0206**.

A 20% lighter version of the original color is **38.5034, 34.7665, 62.4389**, and **5.8430, 4.5694, 12.6306** is the 20% darker color. If you saturate the color by 10%, you get **14.8276, 11.6937, 30.7540**, and if you desaturate by 10%, it is **20.3486, 18.7946, 31.8336**.

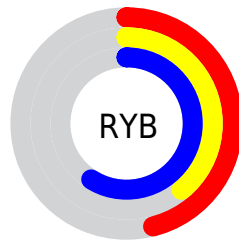
Distribution



Red (46%)

Green (39%)

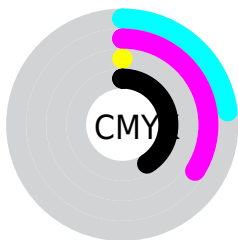
Blue (59%)



Red (46%)

Yellow (39%)

Blue (59%)

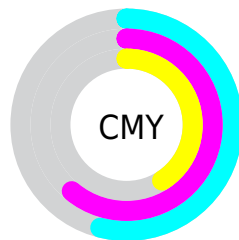


Cyan (23%)

Magenta (34%)

Yellow (0%)

Black (41%)



Cyan (54%)

Magenta (61%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3839, 14.9400, 31.2456 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 17.3839, 14.9400, 31.2456 by changing the saturation by 10% instead.

■ 17.3839, 14.9400,
31.2456

■ 17.3839, 14.9400,
31.2456

230.4884,
223.0028, 322.0544

■ 10.6056, 8.7773,
20.5259

■ 38.5230, 34.7479,
62.7106

■ 5.8676, 4.5962,
12.5900

■ 53.6146, 49.1619,
84.2931

■ 2.8046, 2.0123,
7.0195

■ 72.2079, 67.0950,
110.3335

■ 1.0513, 0.6146,
3.3956

■ 94.6683, 88.9318,
141.2504

■ 0.0000, 0.0000,
1.3000

121.3612,
115.0566, 177.4625

■ 0.0000, 0.0000,
0.0618

152.6520,

■ 0.0000, 0.0000,

145.8537, 219.3881

0.0000

188.9059,
181.7077, 267.4459

■ 17.3839, 14.9400,
31.2456

■ 17.3839, 14.9400,
31.2456

■ 14.8276, 11.6937,
30.7540

■ 20.3486, 18.7946,
31.8336

■ 12.6590, 9.0218,
30.3526

■ 23.7382, 23.2855,
32.5218

■ 10.8576, 6.8898,
30.0360

■ 27.5699, 28.4408,
33.3149

■ 9.4003, 5.2585,
29.7979

■ 31.8597, 34.2868,
34.2172

■ 8.2610, 4.0832,
29.6311

■ 36.6224, 40.8479,
35.2326

7.4083, 3.3092,
29.5267

41.8725, 48.1477,
36.3649

7.0160, 2.9716,
29.4822

47.6236, 56.2084,
37.6177

53.8890, 65.0515,
38.9943

60.6813, 74.6974,
40.4982

Harmonies

Analogous

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



14.7087, 14.9400, 35.5492



17.3839, 14.9400, 31.2456



19.3693, 14.9400, 23.0567

Triad

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



17.3839, 14.9400, 31.2456



16.4064, 14.9400, 6.2617



9.7073, 14.9400, 17.7498

Complementary

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



17.3839, 14.9400, 31.2456



22.9920, 28.0209, 16.0018

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.



10.0435, 14.9400, 10.9614



17.3839, 14.9400, 31.2456



13.7032, 14.9400, 5.6349

Square

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



17.3839, 14.9400, 31.2456



18.7575, 14.9400, 9.1542



11.4308, 14.9400, 7.0549



10.4479, 14.9400, 26.3486

Rectangle

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



17.3839, 14.9400, 31.2456



19.9136, 14.9400, 17.3972



11.4308, 14.9400, 7.0549



9.6994, 14.9400, 15.1871

Sweetspot

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



17.3844, 14.9406, 31.2459



45.3200, 45.4634, 58.8204



19.2111, 21.8457, 32.4825



10.1023, 10.0669, 13.3281



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



17.3844, 14.9406, 31.2459



27.6829, 22.3604, 55.2906



21.2608, 16.9390, 31.4274



6.0761, 6.1251, 7.7910



5.9970, 2.5426, 25.0824



0.1263, 0.0569, 0.3767

Inverse Universe

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



21.4584, 17.1970, 24.3792



36.1968, 27.0834, 40.6022



19.4631, 26.2017, 15.8367



6.3703, 6.2873, 7.3303



12.7762, 6.3647, 10.6122



0.2080, 0.1019, 0.2481

Previews

White Background



This preview shows how the XYZ color 17.3839, 14.9400, 31.2456 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 17.3839, 14.9400, 31.2456 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 17.3839, 14.9400, 31.2456

Background



This preview shows how black text looks on a background with the XYZ color 17.3839, 14.9400, 31.2456.



This preview shows how white text looks on a background with the XYZ color 17.3839, 14.9400,

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

17.3839, 14.9400, 31.2456

Protanopia

15.5542, 14.9665, 33.9673

Deuteranopia

15.2986, 15.0650, 30.5353



Tritanopia

14.6790, 14.8609, 18.3144

Trichromacy



Original Color

17.3839, 14.9400, 31.2456

Protanomaly

16.0222, 14.7764, 33.0180

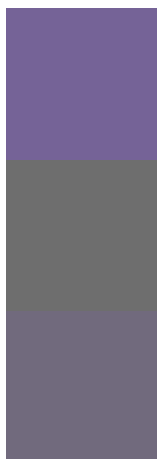
Deuteranomaly

15.9348, 14.9274, 30.8956

Tritanomaly

15.5566, 14.7697, 22.4530

Monochromacy



Original Color

17.3839, 14.9400, 31.2456

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.6658, 15.2994, 21.5295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3839, 14.9400, 31.2456 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(117, 99, 151)` looks like.

```
.text, #text, p{  
    color:rgb(117, 99, 151)  
}
```

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(117, 99, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 99, 151) }
```

Border

The CSS property to change the border of an element to XYZ 17.3839, 14.9400, 31.2456 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(117, 99, 151) }
```


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

```
.border{ border-color:rgb(117, 99, 151) }
```

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

Here you see how a box with a 4 pixel rgb(117, 99, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 99, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 99, 151);  
box-shadow:4px 4px 4px 4px rgb(117, 99,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3839, 14.9400, 31.2456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 99, 151) }
```

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

```
.background{ background-color: rgb(117, 99,  
151) }
```

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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