

Converting Colors

XYZ(15.4394, 11.0541, 36.6381)

Have a look what the booklet for
XYZ(15.4394, 11.0541, 36.6381)
contains.

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Color

**XYZ(15.3487, 10.9750,
36.4314)**

Conversions

Conversions Part 1

Format	Color
Hex	6B4CA4
RGB	107, 76, 164
RGB Percent	42%, 30%, 64%
CMY	0.5804, 0.7020, 0.3569
CMYK	0.35, 0.54, 0.00, 0.36
HSL	261°, 37%, 47%
HSV	261°, 54%, 64%
XYZ	15.3487, 10.9750, 36.4314
YIQ	95.3010, -9.7720, 33.9400

Conversions

Conversions Part 2

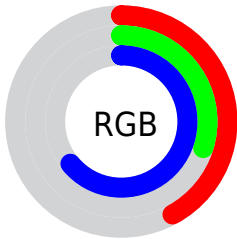
Format	Color
R _Y B	107, 76, 164
Decimal	7031972
CIE Lab	39.54, 32.89, -43.09
CIE LCh	40, 54.208, 307.353
Yxy	10.9750, 0.2446, 0.1749
Android (android.graphics.Color)	4285222052 (0xFF6B4CA4)
YUV	95.3010, 33.8686, 10.2600
Hunter-Lab	33.1285, 24.7254, -42.0111

Details

The XYZ color **15.3487, 10.9750, 36.4314** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **24.2528, 32.0594, 11.7476**, and the grayscale version is **10.8727, 11.4389, 12.4570**.

A 20% lighter version of the original color is **35.0771, 27.6661, 71.2015**, and **4.8548, 2.8605, 15.3352** is the 20% darker color. If you saturate the color by 10%, you get **13.1599, 8.3779, 36.0457**, and if you desaturate by 10%, it is **17.9833, 14.2297, 36.9210**.

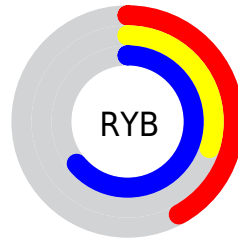
Distribution



Red (42%)

Green (30%)

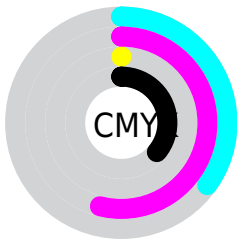
Blue (64%)



Red (42%)

Yellow (30%)

Blue (64%)

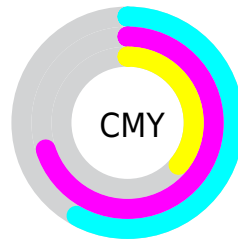


Cyan (35%)

Magenta (54%)

Yellow (0%)

Black (36%)



Cyan (58%)

Magenta (70%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3487, 10.9750, 36.4314 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 15.3487, 10.9750, 36.4314 by changing the saturation by 10% instead.

■ 15.3487, 10.9750,
36.4314

■ 15.3487, 10.9750,
36.4314

218.8140,
197.4960, 345.9365

■ 9.1524, 6.0500,
24.4752

■ 35.0304, 27.6139,
70.8739

■ 4.8986, 2.8755,
15.4711

■ 49.2465, 40.0967,
94.1974

■ 2.2220, 1.0671,
9.0004

■ 66.8666, 55.8675,
122.1470

■ 0.7543, 0.0000,
4.6446

■ 88.2560, 75.3107,
155.1413

■ 0.0000, 0.0000,
1.9852

■ 113.7801, 98.8108,
193.5989

■ 0.0000, 0.0000,
0.5462

143.8042,

■ 0.0000, 0.0000,

126.7521, 237.9382

0.0000

178.6937,
159.5190, 288.5779

■ 15.3487, 10.9750,
36.4314

■ 15.3487, 10.9750,
36.4314

■ 13.1599, 8.3779,
36.0457

■ 17.9833, 14.2297,
36.9210

■ 11.3876, 6.3897,
35.7553

■ 21.0878, 18.1837,
37.5206

■ 10.0005, 4.9565,
35.5518

■ 24.6858, 22.8765,
38.2367

■ 8.9617, 4.0134,
35.4245

■ 28.7992, 28.3440,
39.0752

■ 8.4328, 3.5732,
35.3674

■ 33.4482, 34.6201,
40.0416

■ 38.6521, 41.7364,
41.1409

■ 44.4290, 49.7229,
42.3780

■ 50.7964, 58.6080,
43.7574

■ 57.7707, 68.4190,
45.2835

Harmonies

Analogous

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



11.3649, 10.9750, 45.4940



15.3487, 10.9750, 36.4314



18.4334, 10.9750, 21.5916

Triad

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



15.3487, 10.9750, 36.4314



13.4048, 10.9750, 1.3013



4.8635, 10.9750, 14.7401

Complementary

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



15.3487, 10.9750, 36.4314



24.2528, 32.0594, 11.7476

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.



5.1629, 10.9750, 5.7150



15.3487, 10.9750, 36.4314



9.5505, 10.9750, 1.0079

Square

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



15.3487, 10.9750, 36.4314



17.1393, 10.9750, 3.3816



6.6955, 10.9750, 1.9881



5.7515, 10.9750, 28.9771

Rectangle

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



15.3487, 10.9750, 36.4314



19.2323, 10.9750, 12.9118



6.6955, 10.9750, 1.9881



4.8331, 10.9750, 11.0370

Sweetspot

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



15.3492, 10.9754, 36.4317



50.2086, 48.6854, 70.5033



18.0965, 21.0470, 38.2309



10.6550, 10.2152, 15.3477



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



15.3492, 10.9754, 36.4317



23.3419, 14.5794, 65.3362



22.0109, 14.4097, 36.7434



6.9249, 6.9757, 8.8845



6.5135, 2.7643, 27.1200



0.1867, 0.0838, 0.5722

Inverse Universe

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



22.1281, 14.7551, 23.8717



37.3259, 22.3994, 38.3869



18.7193, 29.2067, 11.4886



7.2578, 7.1596, 8.3442



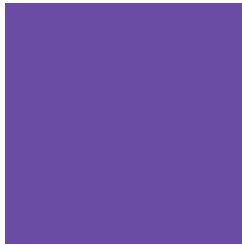
13.7657, 6.8623, 11.2227



0.3104, 0.1526, 0.3470

Previews

White Background



This preview shows how the XYZ color 15.3487, 10.9750, 36.4314 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 15.3487, 10.9750, 36.4314 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 15.3487, 10.9750, 36.4314

Background



This preview shows how black text looks on a background with the XYZ color 15.3487, 10.9750, 36.4314.



This preview shows how white text looks on a background with the XYZ color 15.3487, 10.9750,

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

15.3487, 10.9750, 36.4314

Protanopia

12.7891, 11.0806, 44.1125

Deuteranopia

11.3441, 11.0571, 34.7940



Tritanopia

10.7435, 10.9541, 13.6047

Trichromacy



Original Color

15.3487, 10.9750, 36.4314

Protanomaly

13.1352, 10.7112, 41.4196

Deuteranomaly

12.0880, 10.5478, 35.1170

Tritanomaly

12.0485, 10.7383, 20.1766

Monochromacy



Original Color

15.3487, 10.9750, 36.4314

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

12.0255, 10.9882, 19.2564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3487, 10.9750, 36.4314 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, 76, 164)` looks like.

```
.text, #text, p{  
    color:rgb(107, 76, 164)  
}
```

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, 76, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 76, 164) }
```

Border

The CSS property to change the border of an element to XYZ 15.3487, 10.9750, 36.4314 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, 76, 164) }
```


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

```
.border{ border-color:rgb(107, 76, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 76, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 76, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 76, 164);  
box-shadow:4px 4px 4px 4px rgb(107, 76,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3487, 10.9750, 36.4314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 76, 164) }
```

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

```
.background{ background-color: rgb(107, 76,  
164) }
```

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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