

Converting Colors

XYZ(15.0309, 12.8953, 31.8338)

Have a look what the booklet for
XYZ(15.0309, 12.8953, 31.8338)
contains.

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Color

**XYZ(15.0309, 12.8953,
31.8338)**

Conversions

Conversions Part 1

Format	Color
Hex	655D99
RGB	101, 93, 153
RGB Percent	40%, 36%, 60%
CMY	0.6039, 0.6353, 0.4000
CMYK	0.34, 0.39, 0.00, 0.40
HSL	248°, 24%, 48%
HSV	248°, 39%, 60%
XYZ	15.0309, 12.8953, 31.8338
YIQ	102.2320, -14.4920, 20.3560

Conversions

Conversions Part 2

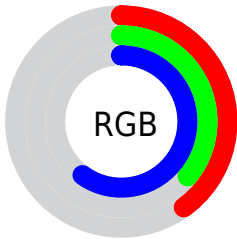
Format	Color
R_{YB}	101, 93, 153
Decimal	6643097
CIE _{Lab}	42.61, 17.78, -31.70
CIE _{LCh}	43, 36.344, 299.287
Yxy	12.8953, 0.2515, 0.2158
Android (android.graphics.Color)	4284833177 (0xFF655D99)
YUV	102.2320, 25.0286, -1.0805
Hunter-Lab	35.9100, 11.8724, -27.4228

Details

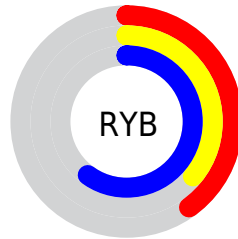
The XYZ color **15.0309, 12.8953, 31.8338** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **25.0444, 29.5928, 14.7484**, and the grayscale version is **12.6296, 13.2873, 14.4699**.

A 20% lighter version of the original color is **34.5341, 31.0690, 63.8513**, and **4.7800, 3.6961, 13.0319** is the 20% darker color. If you saturate the color by 10%, you get **12.4532, 9.7686, 31.3664**, and if you desaturate by 10%, it is **18.1178, 16.6839, 32.4026**.

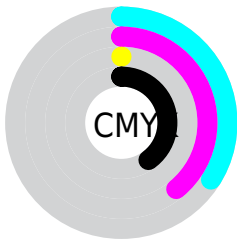
Distribution



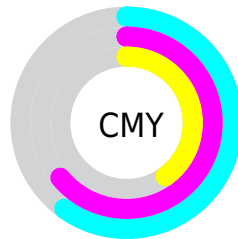
- Red (40%)
- Green (36%)
- Blue (60%)



- Red (40%)
- Yellow (36%)
- Blue (60%)



- Cyan (34%)
- Magenta (39%)
- Yellow (0%)
- Black (40%)



- Cyan (60%)
- Magenta (64%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0309, 12.8953, 31.8338 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 15.0309, 12.8953, 31.8338 by changing the saturation by 10% instead.

■ 15.0309, 12.8953,
31.8338

■ 15.0309, 12.8953,
31.8338

216.9378,
210.2456, 324.8308

■ 8.9275, 7.3565,
20.9708

■ 34.4786, 31.1156,
63.6453

■ 4.7507, 3.6860,
12.9116

■ 48.5536, 44.5658,
85.4310

■ 2.1350, 1.4995,
7.2377

■ 66.0166, 61.4220,
111.6945

■ 0.7081, 0.2884,
3.5305

■ 87.2328, 82.0685,
142.8546

■ 0.0000, 0.0000,
1.3715

112.5677,
106.8897, 179.3298

■ 0.0000, 0.0000,
0.1193

142.3866,

■ 0.0000, 0.0000,

136.2700, 221.5385

0.0000

177.0549,
170.5938, 269.8993

■ 15.0309, 12.8953,
31.8338

■ 15.0309, 12.8953,
31.8338

■ 12.4532, 9.7686,
31.3664

■ 18.1178, 16.6839,
32.4026

■ 10.3556, 7.2641,
30.9935

■ 21.7380, 21.1679,
33.0773

■ 8.7085, 5.3403,
30.7090

■ 25.9157, 26.3805,
33.8632

■ 7.4781, 3.9498,
30.5054

■ 30.6732, 32.3521,
34.7651

■ 6.6257, 3.0377,
30.3743

■ 36.0316, 39.1115,
35.7874

■ 6.0816, 2.4903,
30.2974

■ 42.0110, 46.6861,
36.9343

■ 6.0465, 2.4529,
30.2920

■ 48.6303, 55.1017,
38.2098

■ 55.9079, 64.3832,
39.6178

■ 63.8614, 74.5544,
41.1618

Harmonies

Analogous

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



12.1909, 12.8953, 35.2922



15.0309, 12.8953, 31.8338



17.3906, 12.8953, 23.2873

Triad

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



15.0309, 12.8953, 31.8338



15.1619, 12.8953, 4.6279



7.6913, 12.8953, 13.8531

Complementary

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



15.0309, 12.8953, 31.8338



25.0444, 29.5928, 14.7484

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.



8.2478, 12.8953, 7.6372



15.0309, 12.8953, 31.8338



12.3225, 12.8953, 3.6867

Square

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



15.0309, 12.8953, 31.8338



17.4738, 12.8953, 7.8568



9.8466, 12.8953, 4.5386



8.1974, 12.8953, 22.8329

Rectangle

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



15.0309, 12.8953, 31.8338



18.2240, 12.8953, 17.0496



9.8466, 12.8953, 4.5386



7.7588, 12.8953, 11.4086

Sweetspot

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



15.0314, 12.8958, 31.8341



44.0427, 44.2816, 60.1979



20.3897, 24.8782, 33.8645



9.5302, 9.5345, 13.2555



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.



15.0314, 12.8958, 31.8341



22.8465, 18.1504, 56.2712



19.0246, 14.9544, 32.0210



5.9573, 6.0639, 7.7854



5.0148, 2.0363, 25.0364



0.0923, 0.0394, 0.3751

Inverse Universe

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



22.1624, 16.6458, 28.8332



37.5301, 25.8805, 49.7149



20.4376, 27.2179, 14.5328



6.4258, 6.3095, 7.6222



14.3424, 6.9912, 18.8600



0.2230, 0.1080, 0.3272

Previews

White Background



This preview shows how the XYZ color 15.0309, 12.8953, 31.8338 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 15.0309, 12.8953, 31.8338 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 15.0309, 12.8953, 31.8338

Background



This preview shows how black text looks on a background with the XYZ color 15.0309, 12.8953, 31.8338.

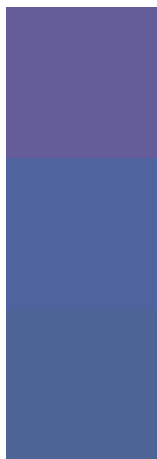


This preview shows how white text looks on a background with the XYZ color 15.0309, 12.8953,

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

15.0309, 12.8953, 31.8338

Protanopia

13.8578, 13.0546, 34.1371

Deuteranopia

13.2037, 12.9265, 31.0773



Tritanopia

11.9795, 12.9038, 16.6112

Trichromacy



Original Color

15.0309, 12.8953, 31.8338

Protanomaly

14.2059, 12.9759, 33.2084

Deuteranomaly

13.7799, 12.7948, 31.4491

Tritanomaly

12.9471, 12.8629, 21.5391

Monochromacy



Original Color

15.0309, 12.8953, 31.8338

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.3925, 13.1289, 19.9174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0309, 12.8953, 31.8338 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(101, 93, 153)` looks like.

```
.text, #text, p{  
    color:rgb(101, 93, 153)  
}
```

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(101, 93, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 93, 153) }
```

Border

The CSS property to change the border of an element to XYZ 15.0309, 12.8953, 31.8338 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(101, 93, 153) }
```


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

```
.border{ border-color:rgb(101, 93, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 93, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 93, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 93, 153);  
box-shadow:4px 4px 4px 4px rgb(101, 93,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0309, 12.8953, 31.8338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 93, 153) }
```

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

```
.background{ background-color: rgb(101, 93,  
153) }
```

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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