

Converting Colors

XYZ(16.3893, 15.0961, 31.4795)

Have a look what the booklet for
XYZ(16.3893, 15.0961, 31.4795)
contains.

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Color

**XYZ(16.3619, 15.1383,
31.3378)**

Conversions

Conversions Part 1

Format	Color
Hex	696897
RGB	105, 104, 151
RGB Percent	41%, 41%, 59%
CMY	0.5882, 0.5921, 0.4078
CMYK	0.30, 0.31, 0.00, 0.41
HSL	241°, 18%, 50%
HSV	241°, 31%, 59%
XYZ	16.3619, 15.1383, 31.3378
YIQ	109.6570, -14.4910, 14.8290

Conversions

Conversions Part 2

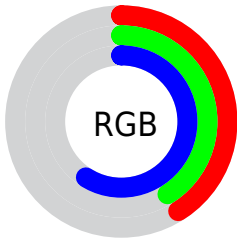
Format	Color
R_{YB}	105, 104, 151
Decimal	6908055
CIE _{Lab}	45.82, 11.66, -25.46
CIE _{LCh}	46, 28.002, 294.618
Yxy	15.1383, 0.2604, 0.2409
Android (android.graphics.Color)	4285098135 (0xFF696897)
YUV	109.6570, 20.3821, -4.0842
Hunter-Lab	38.9080, 6.9753, -20.5186

Details

The XYZ color **16.3619, 15.1383, 31.3378** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **26.1436, 29.6172, 17.4362**, and the grayscale version is **14.6699, 15.4338, 16.8074**.

A 20% lighter version of the original color is **36.6454, 35.0186, 62.5854**, and **5.3943, 4.6871, 12.6770** is the 20% darker color. If you saturate the color by 10%, you get **13.3884, 11.5478, 30.8017**, and if you desaturate by 10%, it is **19.9104, 19.4299, 31.9794**.

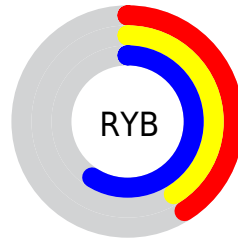
Distribution



Red (41%)

Green (41%)

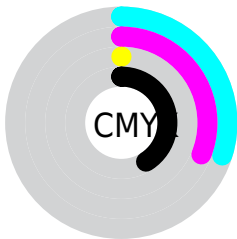
Blue (59%)



Red (41%)

Yellow (41%)

Blue (59%)

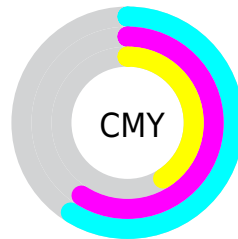


Cyan (30%)

Magenta (31%)

Yellow (0%)

Black (41%)



Cyan (59%)

Magenta (59%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3619, 15.1383, 31.3378 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 16.3619, 15.1383, 31.3378 by changing the saturation by 10% instead.

■ 16.3619, 15.1383,
31.3378

■ 16.3619, 15.1383,
31.3378

224.6965,
224.2018, 322.4908

■ 9.8731, 8.9165,
20.5956

■ 36.7777, 35.0956,
62.8573

■ 5.3765, 4.6868,
12.6404

■ 51.4355, 49.5999,
84.4717

■ 2.5068, 2.0647,
7.0536

■ 69.5469, 67.6339,
110.5472

■ 0.8987, 0.6446,
3.4167

■ 91.4773, 89.5818,
141.5024

■ 0.0000, 0.0000,
1.3111

117.5921,
115.8282, 177.7558

■ 0.0000, 0.0000,
0.0709

148.2567,

■ 0.0000, 0.0000,

146.7574, 219.7260

0.0000

183.8364,
182.7538, 267.8315

■ 16.3619, 15.1383,
31.3378

■ 16.3619, 15.1383,
31.3378

■ 13.3884, 11.5478,
30.8017

■ 19.9104, 19.4299,
31.9794

■ 10.9580, 8.6194,
30.3646

■ 24.0601, 24.4551,
32.7307

■ 9.0385, 6.3133,
30.0206

■ 28.8377, 30.2467,
33.5967

■ 7.5934, 4.5844,
29.7631

■ 34.2679, 36.8348,
34.5822

■ 6.5815, 3.3819,
29.5843

■ 40.3737, 44.2480,
35.6912

■ 5.9544, 2.6457,
29.4753

■ 47.1774, 52.5135,
36.9280

■ 5.6261, 2.2551,
29.4172

■ 54.7000, 61.6571,
38.2965

■ 62.9618, 71.7037,
39.8002

■ 71.9821, 82.6771,
41.4429

Harmonies

Analogous

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



13.9672, 15.1383, 33.0938



16.3619, 15.1383, 31.3378



18.4125, 15.1383, 25.2071

Triad

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



16.3619, 15.1383, 31.3378



17.1780, 15.1383, 7.9983



10.3286, 15.1383, 15.2943

Complementary

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



16.3619, 15.1383, 31.3378



26.1436, 29.6172, 17.4362

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.



10.9981, 15.1383, 10.0473



16.3619, 15.1383, 31.3378



14.8182, 15.1383, 6.6375

Square

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



16.3619, 15.1383, 31.3378



18.9186, 15.1383, 11.6423



12.5805, 15.1383, 7.2692



10.6463, 15.1383, 22.5082

Rectangle

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



16.3619, 15.1383, 31.3378



19.2200, 15.1383, 20.1746



12.5805, 15.1383, 7.2692



10.4432, 15.1383, 13.2717

Sweetspot

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



16.3624, 15.1389, 31.3382



44.6623, 45.7031, 58.9013



22.2363, 27.0597, 33.3295



9.9007, 10.0842, 13.3421



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.



16.3624, 15.1389, 31.3382



25.6671, 22.7202, 55.4663



19.4816, 16.7469, 31.4841



5.8960, 6.0323, 7.7826



4.7894, 1.9201, 25.0259



0.0744, 0.0302, 0.3743

Inverse Universe

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



23.2184, 18.6826, 31.2373



39.8547, 30.0545, 55.2153



22.2760, 27.6234, 17.2552



6.4556, 6.3214, 7.7790



15.3921, 7.4111, 24.3875



0.2316, 0.1114, 0.3727

Previews

White Background



This preview shows how the XYZ color 16.3619, 15.1383, 31.3378 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 16.3619, 15.1383, 31.3378 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 16.3619, 15.1383, 31.3378

Background



This preview shows how black text looks on a background with the XYZ color 16.3619, 15.1383, 31.3378.



This preview shows how white text looks on a background with the XYZ color 16.3619, 15.1383,

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

16.3619, 15.1383, 31.3378

Protanopia

15.6236, 15.1950, 32.2465

Deuteranopia

15.4820, 15.1503, 30.9625



Tritanopia

13.9427, 15.0804, 19.6287

Trichromacy



Original Color

16.3619, 15.1383, 31.3378

Protanomaly

15.8585, 15.1717, 31.7984

Deuteranomaly

15.8046, 15.1627, 30.9479

Tritanomaly

14.8261, 15.1305, 23.6118

Monochromacy



Original Color

16.3619, 15.1383, 31.3378

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.2486, 15.3939, 21.5697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3619, 15.1383, 31.3378 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(105, 104, 151)` looks like.

```
.text, #text, p{  
    color:rgb(105, 104, 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(105, 104, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 104, 151) }
```

Border

The CSS property to change the border of an element to XYZ 16.3619, 15.1383, 31.3378 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(105, 104, 151) }
```


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

```
.border{ border-color:rgb(105, 104, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 104, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 104, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 104, 151);  
box-shadow:4px 4px 4px 4px rgb(105, 104,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3619, 15.1383, 31.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 104, 151) }
```

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

```
.background{ background-color: rgb(105,  
104, 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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