

Converting Colors

XYZ(15.3726, 14.0731, 23.3812)

Have a look what the booklet for
XYZ(15.3726, 14.0731, 23.3812)
contains.

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Color

**XYZ(15.3686, 14.0731,
23.3791)**

Conversions

Conversions Part 1

Format	Color
Hex	716383
RGB	113, 99, 131
RGB Percent	44%, 39%, 51%
CMY	0.5569, 0.6118, 0.4863
CMYK	0.14, 0.24, 0.00, 0.49
HSL	266°, 14%, 45%
HSV	266°, 24%, 51%
XYZ	15.3686, 14.0731, 23.3791
YIQ	106.8340, -1.9280, 12.9200

Conversions

Conversions Part 2

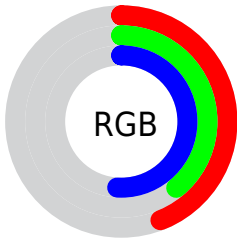
Format	Color
R_{YB}	113, 99, 131
Decimal	7431043
CIE _{Lab}	44.34, 12.32, -15.73
CIE _{LCh}	44, 19.982, 308.068
Yxy	14.0731, 0.2910, 0.2664
Android (android.graphics.Color)	4285621123 (0xFF716383)
YUV	106.8340, 11.9138, 5.4076
Hunter-Lab	37.5141, 7.4773, -10.6901

Details

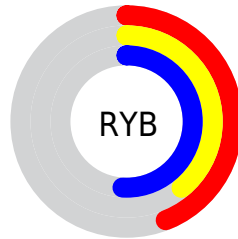
The XYZ color **15.3686, 14.0731, 23.3791** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **17.7051, 20.9158, 14.9091**, and the grayscale version is **13.8980, 14.6218, 15.9231**.

A 20% lighter version of the original color is **35.0751, 33.2727, 49.9210**, and **4.9310, 4.1890, 8.5313** is the 20% darker color. If you saturate the color by 10%, you get **13.3170, 11.3204, 22.9561**, and if you desaturate by 10%, it is **17.6995, 17.2693, 23.8734**.

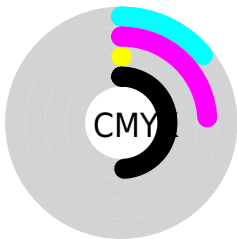
Distribution



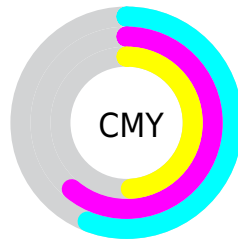
- Red (44%)
- Green (39%)
- Blue (51%)



- Red (44%)
- Yellow (39%)
- Blue (51%)



- Cyan (14%)
- Magenta (24%)
- Yellow (0%)
- Black (49%)



- Cyan (56%)
- Magenta (61%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3686, 14.0731, 23.3791 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 15.3686, 14.0731, 23.3791 by changing the saturation by 10% instead.

■ 15.3686, 14.0731,
23.3791

■ 15.3686, 14.0731,
23.3791

218.9310,
217.6851, 282.8510

■ 9.1665, 8.1715,
14.6658

■ 35.0649, 33.2187,
49.9461

■ 4.9079, 4.2049,
8.4411

■ 49.2898, 47.2315,
68.6369

■ 2.2275, 1.7888,
4.2867

■ 66.9197, 64.7168,
91.4905

■ 0.7572, 0.4802,
1.7839

■ 88.3198, 86.0590,
118.9256

■ 0.0000, 0.0000,
0.4173

113.8557,
111.6426, 151.3606

■ 0.0000, 0.0000,
0.0000

143.8926,

141.8519, 189.2142

178.7959,
177.0712, 232.9048

■ 15.3686, 14.0731,
23.3791

■ 15.3686, 14.0731,
23.3791

■ 13.3170, 11.3204,
22.9561

■ 17.6995, 17.2693,
23.8734

■ 11.5318, 8.9892,
22.6003

■ 20.3190, 20.9264,
24.4412

■ 10.0010, 7.0581,
22.3082

■ 23.2379, 25.0626,
25.0858

■ 8.7112, 5.5030,
22.0760

■ 26.4658, 29.6950,
25.8098

■ 7.6475, 4.2974,
21.8994

■ 30.0119, 34.8396,
26.6159

6.7932, 3.4107,
21.7733

33.8851, 40.5116,
27.5065

6.1263, 2.8026,
21.6910

38.0938, 46.7259,
28.4842

5.8018, 2.5177,
21.6531

42.6461, 53.4965,
29.5511

47.5500, 60.8369,
30.7095

Harmonies

Analogous

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



13.8134, 14.0731, 25.8338



15.3686, 14.0731, 23.3791



16.4448, 14.0731, 18.8636

Triad

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



15.3686, 14.0731, 23.3791



14.5610, 14.0731, 8.5051



10.5497, 14.0731, 16.5962

Complementary

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



15.3686, 14.0731, 23.3791



17.7051, 20.9158, 14.9091

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.



10.7150, 14.0731, 12.2561



15.3686, 14.0731, 23.3791



12.9480, 14.0731, 8.1379

Square

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



15.3686, 14.0731, 23.3791



15.9532, 14.0731, 10.4981



11.5636, 14.0731, 9.3698



11.0926, 14.0731, 21.4380

Rectangle

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



15.3686, 14.0731, 23.3791



16.7001, 14.0731, 15.6229



11.5636, 14.0731, 9.3698



10.5252, 14.0731, 15.0274

Sweetspot

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



15.3690, 14.0737, 23.3794



35.0508, 35.5987, 43.4770



15.6197, 17.0456, 23.9398



8.1090, 8.2159, 10.1111



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



15.3690, 14.0737, 23.3794



25.5347, 22.5209, 41.4543



17.5920, 15.2197, 23.4834



4.6134, 4.6368, 5.8526



5.7139, 2.4798, 21.3142



0.0279, 0.0128, 0.0742

Inverse Universe

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



17.0333, 15.0340, 18.8345



29.0750, 24.5652, 31.7162



15.7507, 19.9082, 14.8176



4.7741, 4.7293, 5.4226



10.4214, 5.2329, 6.7914



0.0398, 0.0196, 0.0429

Previews

White Background



This preview shows how the XYZ color 15.3686, 14.0731, 23.3791 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 15.3686, 14.0731, 23.3791 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 15.3686, 14.0731, 23.3791

Background



This preview shows how black text looks on a background with the XYZ color 15.3686, 14.0731, 23.3791.

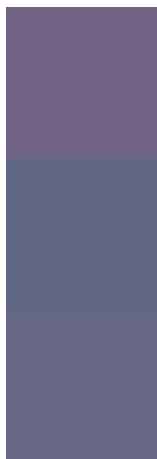


This preview shows how white text looks on a background with the XYZ color 15.3686, 14.0731,

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

15.3686, 14.0731, 23.3791

Protanopia

14.1832, 14.1632, 24.5405

Deuteranopia

14.3590, 14.1370, 23.0910



Tritanopia

14.1499, 14.1632, 17.0269

Trichromacy



Original Color

15.3686, 14.0731, 23.3791

Protanomaly

14.5785, 14.0798, 24.1396

Deuteranomaly

14.7245, 14.1786, 23.0798

Tritanomaly

14.5769, 14.1903, 19.1102

Monochromacy



Original Color

15.3686, 14.0731, 23.3791

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.4094, 14.4128, 18.5455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3686, 14.0731, 23.3791 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(113, 99, 131)` looks like.

```
.text, #text, p{  
    color:rgb(113, 99, 131)  
}
```

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(113, 99, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 99, 131) }
```

Border

The CSS property to change the border of an element to XYZ 15.3686, 14.0731, 23.3791 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(113, 99, 131) }
```


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

```
.border{ border-color:rgb(113, 99, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 99, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 99, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 99, 131);  
box-shadow:4px 4px 4px 4px rgb(113, 99,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3686, 14.0731, 23.3791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 99, 131) }
```

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

```
.background{ background-color: rgb(113, 99,  
131) }
```

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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