

Converting Colors

XYZ(14.9495, 15.2904, 18.3078)

Have a look what the booklet for
XYZ(14.9495, 15.2904, 18.3078)
contains.

XYZ(15.0126, 15.3424, 18.3898)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.0126, 15.3424,
18.3898)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6C73
RGB	111, 108, 115
RGB Percent	44%, 42%, 45%
CMY	0.5647, 0.5765, 0.5490
CMYK	0.03, 0.06, 0.00, 0.55
HSL	266°, 3%, 44%
HSV	266°, 6%, 45%
XYZ	15.0126, 15.3424, 18.3898
YIQ	109.6950, -0.4590, 2.8130

Conversions

Conversions Part 2

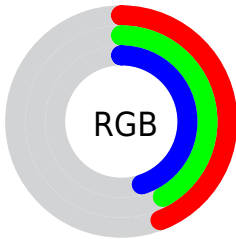
Format	Color
R _Y B	111, 108, 115
Decimal	7302259
CIE Lab	46.10, 2.61, -3.48
CIE LCh	46, 4.351, 306.796
Yxy	15.3424, 0.3080, 0.3147
Android (android.graphics.Color)	4285492339 (0xFF6F6C73)
YUV	109.6950, 2.6154, 1.1445
Hunter-Lab	39.1694, -0.1320, -0.4178

Details

The XYZ color **15.0126, 15.3424, 18.3898** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.5202, 16.7893, 16.6107**, and the grayscale version is **14.7269, 15.4938, 16.8728**.

A 20% lighter version of the original color is **34.4774, 35.3728, 41.5697**, and **4.7318, 4.7995, 5.9872** is the 20% darker color. If you saturate the color by 10%, you get **13.0821, 12.6643, 17.9748**, and if you desaturate by 10%, it is **17.1648, 18.3732, 18.8616**.

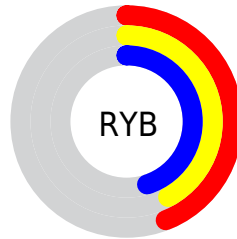
Distribution



Red (44%)

Green (42%)

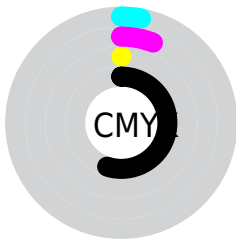
Blue (45%)



Red (44%)

Yellow (42%)

Blue (45%)

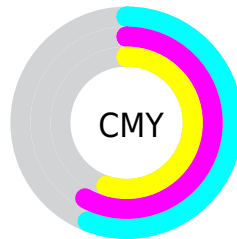


Cyan (3%)

Magenta (6%)

Yellow (0%)

Black (55%)



Cyan (56%)

Magenta (58%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0126, 15.3424, 18.3898 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 15.0126, 15.3424, 18.3898 by changing the saturation by 10% instead.

■ 15.0126, 15.3424,
18.3898

■ 15.0126, 15.3424,
18.3898

216.8293,
225.4294, 255.3686

■ 8.9146, 9.0600,
11.0579

■ 34.4468, 35.4527,
41.5233

■ 4.7422, 4.7804,
5.9911

■ 48.5136, 50.0495,
58.1619

■ 2.1300, 2.1190,
2.7710

■ 65.9675, 68.1865,
78.7399

■ 0.7054, 0.6753,
0.9789

■ 87.1737, 90.2482,
103.6758

■ 0.0000, 0.0000,
0.0000

112.4977,
116.6190, 133.3880

142.3047,

147.6831, 168.2952

176.9601,
183.8252, 208.8159

■ 15.0126, 15.3424,
18.3898

■ 15.0126, 15.3424,
18.3898

■ 13.0821, 12.6643,
17.9748

■ 17.1648, 18.3732,
18.8616

■ 11.3646, 10.3238,
17.6136

■ 19.5447, 21.7672,
19.3913

■ 9.8524, 8.3077,
17.3042

■ 22.1593, 25.5368,
19.9811

■ 8.5372, 6.6010,
17.0441

■ 25.0153, 29.6932,
20.6328

■ 7.4097, 5.1876,
16.8307

■ 28.1189, 34.2472,
21.3482

■ 6.4601, 4.0500,
16.6611

■ 31.4760, 39.2091,
22.1291

■ 5.6774, 3.1684,
16.5322

■ 35.0925, 44.5890,
22.9769

■ 5.0491, 2.5205,
16.4403

■ 38.9740, 50.3964,
23.8932

■ 4.5515, 2.0615,
16.3779

■ 43.1260, 56.6406,
24.8797

Harmonies

Analogous

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



14.6668, 15.3424, 18.8103



15.0126, 15.3424, 18.3898



15.2459, 15.3424, 17.5206

Triad

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



15.0126, 15.3424, 18.3898



14.8645, 15.3424, 14.9024



13.8877, 15.3424, 16.9474

Complementary

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



15.0126, 15.3424, 18.3898



15.5202, 16.7893, 16.6107

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.



13.9386, 15.3424, 15.9156



15.0126, 15.3424, 18.3898



14.4985, 15.3424, 14.7634

Square

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



15.0126, 15.3424, 18.3898



15.1594, 15.3424, 15.5148



14.1607, 15.3424, 15.1269



14.0204, 15.3424, 17.9551

Rectangle

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



15.0126, 15.3424, 18.3898



15.3041, 15.3424, 16.8194



14.1607, 15.3424, 15.1269



13.8839, 15.3424, 16.5917

Sweetspot

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



15.0130, 15.3431, 18.3901



28.3890, 29.5856, 33.2588



15.0828, 16.0332, 18.5197



6.7868, 7.0781, 7.9375



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



15.0130, 15.3431, 18.3901



26.4845, 26.9170, 32.8441



15.4513, 15.5690, 18.4106



3.7267, 3.7864, 4.6247



4.9766, 2.1569, 18.6966



23.3108, 10.0257, 91.0668

Inverse Universe

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



15.3579, 15.5405, 17.5201



27.2103, 27.3326, 31.0104



15.0936, 16.5694, 16.5908



3.8297, 3.8454, 4.3643



9.1870, 4.6085, 6.1931



44.3340, 22.2837, 27.8858

Previews

White Background



This preview shows how the XYZ color 15.0126, 15.3424, 18.3898 looks on a white background.

Color Contrast Check

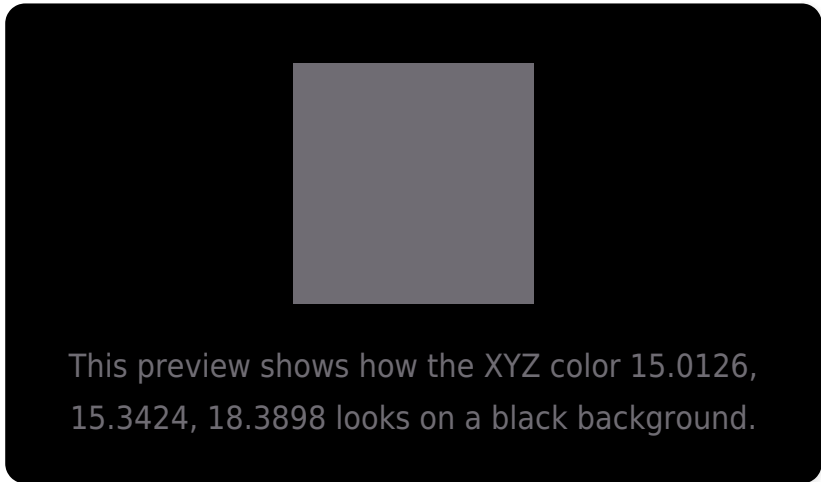
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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

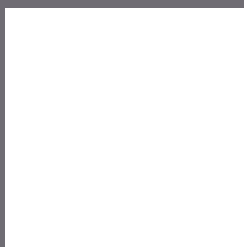
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.0126, 15.3424, 18.3898

Background



This preview shows how black text looks on a background with the XYZ color 15.0126, 15.3424, 18.3898.



This preview shows how white text looks on a background with the XYZ color 15.0126, 15.3424,

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

15.0126, 15.3424, 18.3898

Protanopia

14.8698, 15.4263, 18.4135

Deuteranopia

15.5847, 15.3278, 18.3568



Tritanopia

15.0705, 15.3656, 18.6946

Trichromacy



Original Color

15.0126, 15.3424, 18.3898

Protanomaly

14.9936, 15.4901, 18.4193

Deuteranomaly

15.4224, 15.3980, 18.3789

Tritanomaly

15.0705, 15.3656, 18.6946

Monochromacy



Original Color

15.0126, 15.3424, 18.3898

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.8237, 15.4221, 17.5247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0126, 15.3424, 18.3898 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(111, 108, 115)` looks like.

```
.text, #text, p{  
    color:rgb(111, 108, 115)  
}
```

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(111, 108, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 108, 115) }
```

Border

The CSS property to change the border of an element to XYZ 15.0126, 15.3424, 18.3898 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(111, 108, 115) }
```


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

```
.border{ border-color:rgb(111, 108, 115) }
```

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

Here you see how a box with a 4 pixel rgb(111, 108, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 108, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 108, 115);  
box-shadow:4px 4px 4px 4px rgb(111, 108,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0126, 15.3424, 18.3898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 108, 115) }
```

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

```
.background{ background-color: rgb(111,  
108, 115) }
```

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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