

Converting Colors

XYZ(11.9138, 10.7630, 15.9175)

Have a look what the booklet for
XYZ(11.9138, 10.7630, 15.9175)
contains.

XYZ(11.9138, 10.7630, 15.9175)	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(11.9138, 10.7630,
15.9175)**

Conversions

Conversions Part 1

Format	Color
Hex	69566D
RGB	105, 86, 109
RGB Percent	41%, 34%, 43%
CMY	0.5882, 0.6627, 0.5725
CMYK	0.04, 0.21, 0.00, 0.57
HSL	290°, 12%, 38%
HSV	290°, 21%, 43%
XYZ	11.9138, 10.7630, 15.9175
YIQ	94.3030, 3.9410, 11.1810

Conversions

Conversions Part 2

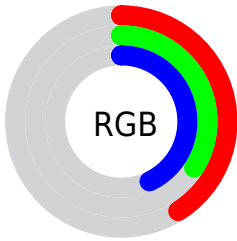
Format	Color
R_{YB}	105, 86, 109
Decimal	6903405
CIE Lab	39.18, 12.39, -10.22
CIE LCh	39, 16.065, 320.480
Yxy	10.7630, 0.3087, 0.2789
Android (android.graphics.Color)	4285093485 (0xFF69566D)
YUV	94.3030, 7.2456, 9.3813
Hunter-Lab	32.8070, 7.4096, -5.8018

Details

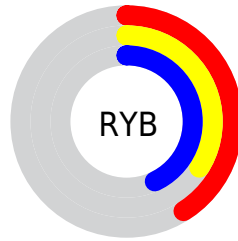
The XYZ color **11.9138, 10.7630, 15.9175** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.3652, 13.7831, 10.8661**, and the grayscale version is **10.6941, 11.2510, 12.2523**.

A 20% lighter version of the original color is **28.9475, 27.2494, 37.4522**, and **3.3802, 2.8223, 4.7815** is the 20% darker color. If you saturate the color by 10%, you get **10.8890, 9.0400, 15.6391**, and if you desaturate by 10%, it is **13.0770, 12.7550, 16.2408**.

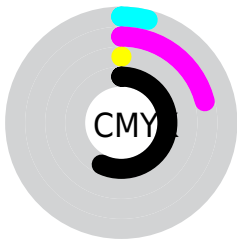
Distribution



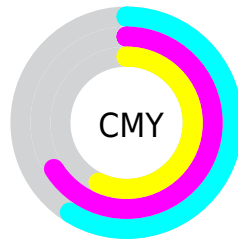
- Red (41%)
- Green (34%)
- Blue (43%)



- Red (41%)
- Yellow (34%)
- Blue (43%)



- Cyan (4%)
- Magenta (21%)
- Yellow (0%)
- Black (57%)



- Cyan (59%)
- Magenta (66%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9138, 10.7630, 15.9175 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 11.9138, 10.7630, 15.9175 by changing the saturation by 10% instead.

■ 11.9138, 10.7630,
15.9175

■ 11.9138, 10.7630,
15.9175

197.6154,
196.0343, 240.6835

■ 6.7568, 5.9077,
9.3121

■ 28.9562, 27.2211,
37.2197

■ 3.3554, 2.7890,
4.8457

■ 41.5724, 39.5926,
52.7536

■ 1.3444, 1.0226,
2.0999

■ 57.4056, 55.2384,
72.1007

■ 0.2161, 0.0000,
0.6157

■ 76.8212, 74.5428,
95.6795

■ 0.0000, 0.0000,
0.0000

■ 100.1847, 97.8902,
123.9087

127.8613,

125.6650, 157.2067

160.2164,
158.2515, 195.9921

■ 11.9138, 10.7630,
15.9175

■ 11.9138, 10.7630,
15.9175

■ 10.8890, 9.0400,
15.6391

■ 13.0770, 12.7550,
16.2408

■ 9.9955, 7.5726,
15.4030

■ 14.3833, 15.0258,
16.6103

■ 9.2272, 6.3484,
15.2072

■ 15.8382, 17.5865,
17.0279

■ 8.5770, 5.3532,
15.0493

■ 17.4469, 20.4471,
17.4953

■ 8.0373, 4.5715,
14.9269

■ 19.2141, 23.6173,
18.0140

7.5991, 3.9859,
14.8370

21.1444, 27.1061,
18.5857

7.2524, 3.5762,
14.7762

23.2422, 30.9223,
19.2117

6.9810, 3.2799,
14.7333

25.5118, 35.0743,
19.8935

27.9572, 39.5702,
20.6324

Harmonies

Analogous

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



10.9725, 10.7630, 18.2069



11.9138, 10.7630, 15.9175



12.4136, 10.7630, 12.7286

Triad

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



11.9138, 10.7630, 15.9175



10.5766, 10.7630, 6.7849



8.4082, 10.7630, 13.9215

Complementary

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



11.9138, 10.7630, 15.9175



11.3652, 13.7831, 10.8661

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.



8.3186, 10.7630, 10.7644



11.9138, 10.7630, 15.9175



9.5216, 10.7630, 6.9909

Square

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



11.9138, 10.7630, 15.9175



11.6066, 10.7630, 7.7100



8.7127, 10.7630, 8.3326



8.9667, 10.7630, 16.9213

Rectangle

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



11.9138, 10.7630, 15.9175



12.4067, 10.7630, 10.6720



8.7127, 10.7630, 8.3326



8.3239, 10.7630, 12.8325

Sweetspot

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



11.9141, 10.7635, 15.9177



24.5373, 24.7814, 29.3973



10.2730, 10.4320, 15.9403



5.6862, 5.7256, 6.8342



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



11.9141, 10.7635, 15.9177



20.4605, 17.7972, 28.2641



12.0190, 10.8610, 13.9600



3.1685, 3.1386, 3.8737



8.1476, 3.8273, 17.2316



40.8686, 19.1682, 87.7720

Inverse Universe

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



11.4803, 10.6455, 11.1232



19.5593, 17.5573, 18.0722



11.2952, 13.7113, 12.4736



3.1193, 3.1246, 3.3584



7.5064, 3.8547, 1.0291



38.0148, 19.5478, 4.0145

Previews

White Background



This preview shows how the XYZ color 11.9138, 10.7630, 15.9175 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 11.9138, 10.7630, 15.9175 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 11.9138, 10.7630, 15.9175

Background



This preview shows how black text looks on a background with the XYZ color 11.9138, 10.7630, 15.9175.



This preview shows how white text looks on a background with the XYZ color 11.9138, 10.7630,

15.9175.

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

11.9138, 10.7630, 15.9175

Protanopia

10.8323, 10.9213, 17.1599

Deuteranopia

10.9790, 10.7747, 15.6884



Tritanopia

11.1488, 10.6892, 12.3021

Trichromacy



Original Color

11.9138, 10.7630, 15.9175

Protanomaly

11.1969, 10.8619, 16.8356

Deuteranomaly

11.3162, 10.8241, 15.6802

Tritanomaly

11.4174, 10.6795, 13.5162

Monochromacy



Original Color

11.9138, 10.7630, 15.9175

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

11.0302, 10.9797, 13.3423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9138, 10.7630, 15.9175 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, 86, 109)` looks like.

```
.text, #text, p{  
    color:rgb(105, 86, 109)  
}
```

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, 86, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 86, 109) }
```

Border

The CSS property to change the border of an element to XYZ 11.9138, 10.7630, 15.9175 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, 86, 109) }
```


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

```
.border{ border-color:rgb(105, 86, 109) }
```

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

Here you see how a box with a 4 pixel rgb(105, 86, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 86, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 86, 109);  
box-shadow:4px 4px 4px 4px rgb(105, 86,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9138, 10.7630, 15.9175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 86, 109) }
```

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

```
.background{ background-color: rgb(105, 86,  
109) }
```

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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