

Converting Colors

XYZ(11.1410, 10.7408, 12.9451)

Have a look what the booklet for
XYZ(11.1410, 10.7408, 12.9451)
contains.

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Color

**XYZ(11.1438, 10.7933,
13.0512)**

Conversions

Conversions Part 1

Format	Color
Hex	655962
RGB	101, 89, 98
RGB Percent	40%, 35%, 38%
CMY	0.6039, 0.6510, 0.6157
CMYK	0.00, 0.12, 0.03, 0.60
HSL	315°, 6%, 37%
HSV	315°, 12%, 40%
XYZ	11.1438, 10.7933, 13.0512
YIQ	93.6140, 4.2630, 5.3430

Conversions

Conversions Part 2

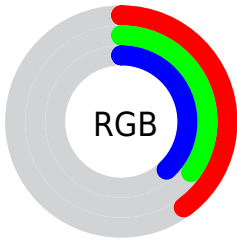
Format	Color
R_{YB}	101, 89, 98
Decimal	6642018
CIE Lab	39.23, 6.66, -3.39
CIE LCh	39, 7.470, 333.039
Yxy	10.7933, 0.3185, 0.3085
Android (android.graphics.Color)	4284832098 (0xFF655962)
YUV	93.6140, 2.1623, 6.4775
Hunter-Lab	32.8532, 3.0542, -0.5563

Details

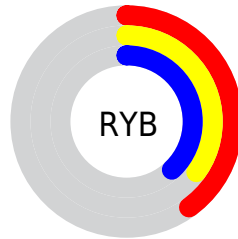
The XYZ color **11.1438, 10.7933, 13.0512** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.7057, 12.2042, 11.9172**, and the grayscale version is **10.5429, 11.0920, 12.0792**.

A 20% lighter version of the original color is **27.6063, 27.3106, 32.2502**, and **3.0418, 2.8336, 3.6354** is the 20% darker color. If you saturate the color by 10%, you get **10.2431, 9.1795, 12.1720**, and if you desaturate by 10%, it is **12.1643, 12.6402, 13.9892**.

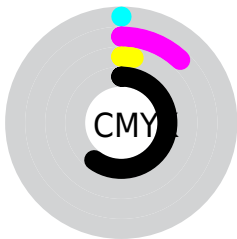
Distribution



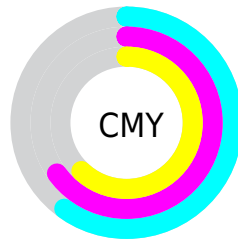
- Red (40%)
- Green (35%)
- Blue (38%)



- Red (40%)
- Yellow (35%)
- Blue (38%)



- Cyan (0%)
- Magenta (12%)
- Yellow (3%)
- Black (60%)



- Cyan (60%)
- Magenta (65%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1438, 10.7933, 13.0512 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 11.1438, 10.7933, 13.0512 by changing the saturation by 10% instead.

■ 11.1438, 10.7933,
13.0512

■ 11.1438, 10.7933,
13.0512

192.5394,
196.2439, 222.4649

■ 6.2316, 5.9280,
7.3327

■ 27.5564, 27.2773,
32.0883

■ 3.0284, 2.8014,
3.5894

■ 39.7875, 39.6648,
46.2439

■ 1.1688, 1.0289,
1.4029

■ 55.1890, 55.3285,
64.0490

■ 0.0815, 0.0000,
0.1440

■ 74.1262, 74.6528,
85.9220

■ 0.0000, 0.0000,
0.0000

■ 96.9645, 98.0221,
112.2816

124.0692,

125.8208, 143.5462

155.8058,
158.4333, 180.1345

■ 11.1438, 10.7933,
13.0512

■ 11.1438, 10.7933,
13.0512

■ 10.2431, 9.1795,
12.1720

■ 12.1643, 12.6402,
13.9892

■ 9.4564, 7.7881,
11.3490

■ 13.3080, 14.7276,
14.9868

■ 8.7792, 6.6096,
10.5808

■ 14.5794, 17.0644,
16.0460

■ 8.2059, 5.6331,
9.8652

■ 15.9826, 19.6585,
17.1681

■ 7.7307, 4.8471,
9.2003

■ 17.5213, 22.5175,
18.3547

7.3472, 4.2386,
8.5836

19.1993, 25.6486,
19.6070

7.0480, 3.7932,
8.0125

21.0200, 29.0590,
20.9264

6.8238, 3.4919,
7.4838

22.9869, 32.7553,
22.3143

6.6626, 3.2850,
7.0740

25.1033, 36.7440,
23.7718

Harmonies

Analogous

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



10.7943, 10.7933, 14.2265



11.1438, 10.7933, 13.0512



11.2536, 10.7933, 11.6061

Triad

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



11.1438, 10.7933, 13.0512



10.2076, 10.7933, 9.2008



9.4702, 10.7933, 13.3254

Complementary

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



11.1438, 10.7933, 13.0512



10.7057, 12.2042, 11.9172

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.



9.3242, 10.7933, 11.8993



11.1438, 10.7933, 13.0512



9.7411, 10.7933, 9.5826

Square

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



11.1438, 10.7933, 13.0512



10.7028, 10.7933, 9.4552



9.4218, 10.7933, 10.5421



9.8270, 10.7933, 14.3937

Rectangle

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



11.1438, 10.7933, 13.0512



11.1733, 10.7933, 10.7025



9.4218, 10.7933, 10.5421



9.3954, 10.7933, 12.8681

Sweetspot

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



11.1441, 10.7938, 13.0514



20.4738, 20.9569, 23.6476



10.3354, 10.3602, 13.7671



5.0116, 5.1092, 5.7949



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



11.1441, 10.7938, 13.0514



18.7240, 17.7969, 22.0173



10.8713, 10.6847, 11.6151



2.9081, 2.8779, 3.3888



8.7194, 4.3007, 9.1866



45.1137, 22.2855, 46.0036

Inverse Universe

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



11.1441, 10.7938, 13.0514



18.7240, 17.7969, 22.0173



10.9785, 12.3133, 13.3536



2.9081, 2.8779, 3.3888



8.7194, 4.3007, 9.1866



45.1137, 22.2855, 46.0036

Previews

White Background



This preview shows how the XYZ color 11.1438, 10.7933, 13.0512 looks on a white background.

Color Contrast Check

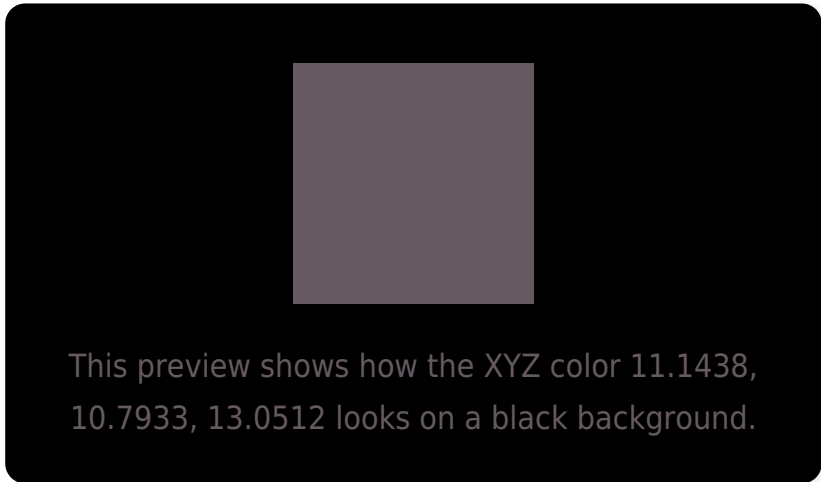
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.1438, 10.7933, 13.0512

Background



This preview shows how black text looks on a background with the XYZ color 11.1438, 10.7933, 13.0512.



This preview shows how white text looks on a background with the XYZ color 11.1438, 10.7933,

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

11.1438, 10.7933, 13.0512

Protanopia

10.5410, 10.8497, 13.5952

Deuteranopia

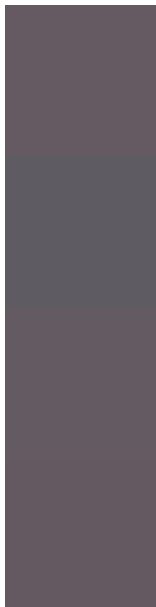
11.0064, 10.8468, 13.0688



Tritanopia

11.0505, 10.7560, 12.5600

Trichromacy



Original Color

11.1438, 10.7933, 13.0512

Protanomaly

10.7125, 10.8159, 13.3275

Deuteranomaly

11.1163, 10.9035, 13.0740

Tritanomaly

11.0969, 10.7745, 12.8041

Monochromacy



Original Color

11.1438, 10.7933, 13.0512

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.8225, 11.0219, 12.3835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1438, 10.7933, 13.0512 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, 89, 98)` looks like.

```
.text, #text, p{  
    color:rgb(101, 89, 98)  
}
```

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, 89, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 89, 98) }
```

Border

The CSS property to change the border of an element to XYZ 11.1438, 10.7933, 13.0512 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, 89, 98) }
```


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

```
.border{ border-color:rgb(101, 89, 98) }
```

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

Here you see how a box with a 4 pixel rgb(101, 89, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 89, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 89, 98);  
box-shadow:4px 4px 4px 4px rgb(101, 89,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1438, 10.7933, 13.0512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 89, 98) }
```

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

```
.background{ background-color: rgb(101, 89,  
98) }
```

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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