

Converting Colors

XYZ(11.5612, 12.9323, 15.0079)

Have a look what the booklet for
XYZ(11.5612, 12.9323, 15.0079)
contains.

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Color

**XYZ(11.4688, 12.8238,
14.9675)**

Conversions

Conversions Part 1

Format	Color
Hex	596768
RGB	89, 103, 104
RGB Percent	35%, 40%, 41%
CMY	0.6510, 0.5961, 0.5922
CMYK	0.14, 0.01, 0.00, 0.59
HSL	184°, 8%, 38%
HSV	184°, 14%, 41%
XYZ	11.4688, 12.8238, 14.9675
YIQ	98.9280, -8.6650, -2.6570

Conversions

Conversions Part 2

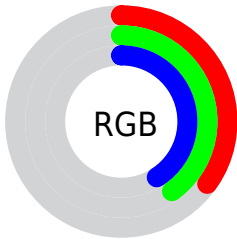
Format	Color
R_{YB}	89, 96, 104
Decimal	5859176
CIE _{Lab}	42.50, -5.06, -2.36
CIE _{LCh}	42, 5.589, 205.011
Yxy	12.8238, 0.2921, 0.3266
Android (android.graphics.Color)	4284049256 (0xFF596768)
YUV	98.9280, 2.5005, -8.7069
Hunter-Lab	35.8103, -5.5008, 0.2860

Details

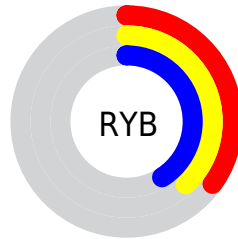
The XYZ color **11.4688, 12.8238, 14.9675** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.1685, 10.9768, 10.9816**, and the grayscale version is **11.8374, 12.4538, 13.5622**.

A 20% lighter version of the original color is **28.1195, 30.9667, 35.5055**, and **3.1490, 3.6373, 4.4070** is the 20% darker color. If you saturate the color by 10%, you get **10.4720, 12.2084, 14.9015**, and if you desaturate by 10%, it is **12.6080, 13.5141, 15.0409**.

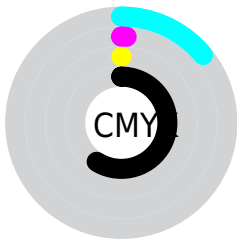
Distribution



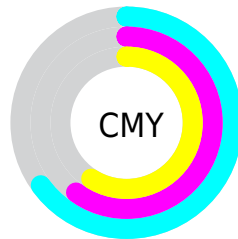
- Red (35%)
- Green (40%)
- Blue (41%)



- Red (35%)
- Yellow (38%)
- Blue (41%)



- Cyan (14%)
- Magenta (1%)
- Yellow (0%)
- Black (59%)



- Cyan (65%)
- Magenta (60%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4688, 12.8238, 14.9675 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 11.4688, 12.8238, 14.9675 by changing the saturation by 10% instead.

■ 11.4688, 12.8238,
14.9675

■ 11.4688, 12.8238,
14.9675

194.6988,
209.7853, 234.8034

■ 6.4527, 7.3073,
8.6502

■ 28.1492, 30.9869,
35.5377

■ 3.1655, 3.6550,
4.4201

■ 40.5442, 44.4023,
50.6276

■ 1.2419, 1.4825,
1.8585

■ 56.1295, 61.2194,
69.4788

■ 0.1391, 0.2764,
0.4661

■ 75.2706, 81.8227,
92.5099

■ 0.0000, 0.0000,
0.0000

■ 98.3326, 106.5965,
120.1394

125.6811,

135.9253, 152.7857

157.6814,
170.1935, 190.8676

■ 11.4688, 12.8238,
14.9675

■ 11.4688, 12.8238,
14.9675

■ 10.4720, 12.2084,
14.9015

■ 12.6080, 13.5141,
15.0409

■ 9.6105, 11.6633,
14.8417

■ 13.8939, 14.2805,
15.1211

■ 8.8785, 11.1858,
14.7881

■ 15.3322, 15.1264,
15.2085

■ 8.2691, 10.7723,
14.7404

■ 16.9279, 16.0542,
15.3035

■ 7.7749, 10.4191,
14.6982

■ 18.6856, 17.0665,
15.4063

■ 7.3876, 10.1218,
14.6613

■ 20.6101, 18.1656,
15.5170

■ 7.0980, 9.8757,
14.6290

■ 22.7056, 19.3536,
15.6358

■ 6.8888, 9.6719,
14.6007

■ 24.9764, 20.6329,
15.7631

■ 6.7804, 9.5629,
14.5854

■ 27.4264, 22.0055,
15.8989

Harmonies

Analogous

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



11.3989, 12.8238, 13.7621



11.4688, 12.8238, 14.9675



11.7298, 12.8238, 15.9523

Triad

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



11.4688, 12.8238, 14.9675



12.8648, 12.8238, 15.3367



12.2593, 12.8238, 11.7758

Complementary

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



11.4688, 12.8238, 14.9675



11.1685, 10.9768, 10.9816

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.



12.6593, 12.8238, 12.1463



11.4688, 12.8238, 14.9675



13.0140, 12.8238, 14.1658

Square

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



11.4688, 12.8238, 14.9675



12.5345, 12.8238, 16.1739



12.9380, 12.8238, 13.0044



11.8492, 12.8238, 11.9633

Rectangle

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



11.4688, 12.8238, 14.9675



11.9802, 12.8238, 16.3273



12.9380, 12.8238, 13.0044



12.3995, 12.8238, 11.8386

Sweetspot

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



11.4692, 12.8243, 14.9678



22.1851, 23.7485, 26.3917



10.9053, 12.7587, 11.5054



5.3814, 5.7753, 6.4370



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



11.4692, 12.8243, 14.9678



19.5607, 22.1551, 26.2225



10.7789, 11.4438, 14.7377



2.8888, 3.1556, 3.5888



8.3492, 11.7702, 17.9762



43.2933, 60.8833, 93.6713

Inverse Universe

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



11.7298, 11.0675, 14.3505



20.1059, 18.5009, 24.9269



11.8102, 12.2603, 11.1956



2.9284, 2.8860, 3.4956



9.6970, 4.6917, 14.3345



50.4476, 24.4190, 74.0916

Previews

White Background



This preview shows how the XYZ color 11.4688, 12.8238, 14.9675 looks on a white background.

Color Contrast Check

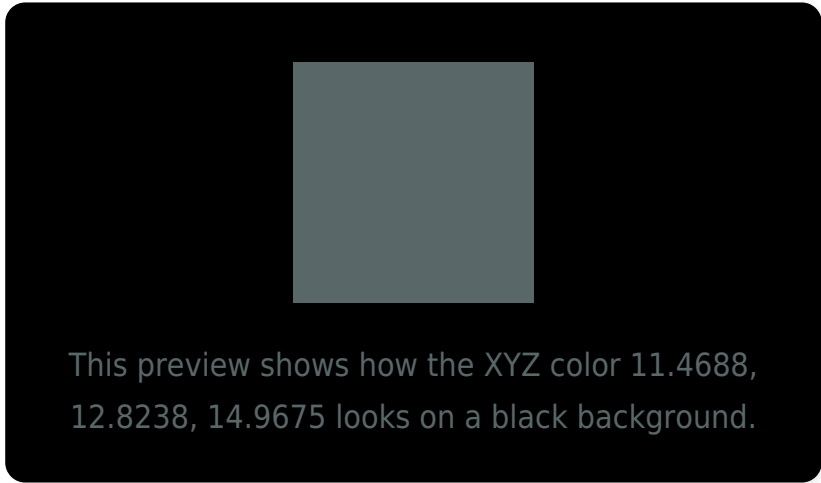
Large Text (above 18pt) WCAG AA ✓ Pass

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

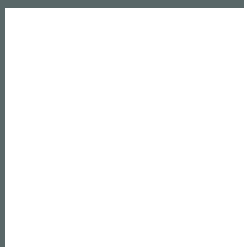
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.4688, 12.8238, 14.9675

Background



This preview shows how black text looks on a background with the XYZ color 11.4688, 12.8238, 14.9675.



This preview shows how white text looks on a background with the XYZ color 11.4688, 12.8238,

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

11.4688, 12.8238, 14.9675

Protanopia

12.3223, 12.8404, 14.3994

Deuteranopia

13.0088, 12.7575, 15.1414



Tritanopia

11.7823, 12.8022, 16.6019

Trichromacy



Original Color

11.4688, 12.8238, 14.9675

Protanomaly

12.0316, 12.8280, 14.6739

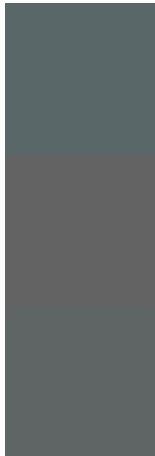
Deuteranomaly

12.3785, 12.7103, 15.1655

Tritanomaly

11.6746, 12.7591, 16.0348

Monochromacy



Original Color

11.4688, 12.8238, 14.9675

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.6254, 12.4868, 14.1094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4688, 12.8238, 14.9675 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(89, 103, 104) looks like.

```
.text, #text, p{  
    color:rgb(89, 103, 104)  
}
```

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(89, 103, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 103, 104) }
```

Border

The CSS property to change the border of an element to XYZ 11.4688, 12.8238, 14.9675 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(89, 103, 104) }
```


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

```
.border{ border-color:rgb(89, 103, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 103, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 103, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 103, 104);  
box-shadow:4px 4px 4px 4px rgb(89, 103,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4688, 12.8238, 14.9675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 103, 104) }
```

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

```
.background{ background-color: rgb(89, 103,  
104) }
```

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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