

Converting Colors

XYZ(11.7499, 12.4081, 15.6303)

Have a look what the booklet for
XYZ(11.7499, 12.4081, 15.6303)
contains.

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Color

**XYZ(11.7318, 12.3649,
15.6783)**

Conversions

Conversions Part 1

Format	Color
Hex	5E636B
RGB	94, 99, 107
RGB Percent	37%, 39%, 42%
CMY	0.6314, 0.6118, 0.5804
CMYK	0.12, 0.07, 0.00, 0.58
HSL	217°, 6%, 39%
HSV	217°, 12%, 42%
XYZ	11.7318, 12.3649, 15.6783
YIQ	98.4170, -5.5480, 1.4280

Conversions

Conversions Part 2

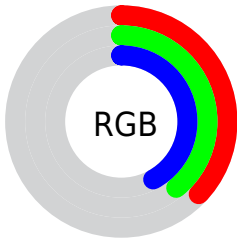
Format	Color
R_{YB}	94, 98, 107
Decimal	6185835
CIE Lab	41.79, -0.15, -5.19
CIE LCh	42, 5.191, 268.387
Yxy	12.3649, 0.2950, 0.3109
Android (android.graphics.Color)	4284375915 (0xFF5E636B)
YUV	98.4170, 4.2314, -3.8737
Hunter-Lab	35.1638, -1.9830, -1.8207

Details

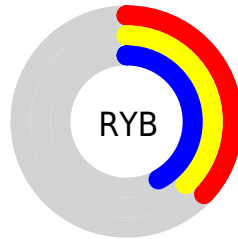
The XYZ color **11.7318, 12.3649, 15.6783** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.8353, 13.4367, 12.5070**, and the grayscale version is **11.7045, 12.3140, 13.4100**.

A 20% lighter version of the original color is **28.5795, 30.2106, 36.6727**, and **3.3076, 3.5008, 4.7764** is the 20% darker color. If you saturate the color by 10%, you get **10.1113, 10.6413, 15.4312**, and if you desaturate by 10%, it is **13.5560, 14.2697, 15.9500**.

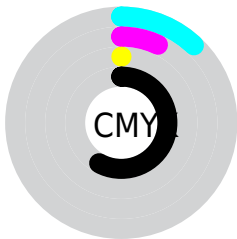
Distribution



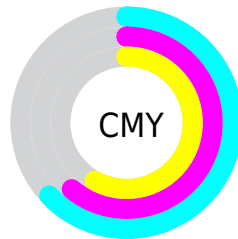
- Red (37%)
- Green (39%)
- Blue (42%)



- Red (37%)
- Yellow (38%)
- Blue (42%)



- Cyan (12%)
- Magenta (7%)
- Yellow (0%)
- Black (58%)



- Cyan (63%)
- Magenta (61%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7318, 12.3649, 15.6783 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 11.7318, 12.3649, 15.6783 by changing the saturation by 10% instead.

■ 11.7318, 12.3649,
15.6783

■ 11.7318, 12.3649,
15.6783

196.4280,
206.8063, 239.2164

■ 6.6322, 6.9927,
9.1449

■ 28.6268, 30.1580,
36.7978

■ 3.2774, 3.4575,
4.7377

■ 41.1529, 43.3476,
52.2210

■ 1.3021, 1.3750,
2.0382

■ 56.8853, 59.9119,
71.4445

■ 0.1848, 0.1982,
0.5786

■ 76.1892, 80.2352,
94.8870

■ 0.0000, 0.0000,
0.0000

99.4301, 104.7019,
122.9668

126.9733,

133.6964, 156.1027

159.1841,
167.6030, 194.7130

■ 11.7318, 12.3649,
15.6783

■ 11.7318, 12.3649,
15.6783

■ 10.1113, 10.6413,
15.4312

■ 13.5560, 14.2697,
15.9500

■ 8.6860, 9.0917,
15.2072

■ 15.5899, 16.3595,
16.2462

■ 7.4484, 7.7108,
15.0059

■ 17.8406, 18.6399,
16.5677

■ 6.3900, 6.4921,
14.8265

■ 20.3143, 21.1159,
16.9153

■ 5.5017, 5.4290,
14.6681

■ 23.0172, 23.7921,
17.2894

■ 4.7733, 4.5142,
14.5299

■ 25.9552, 26.6732,
17.6906

■ 4.1937, 3.7396,
14.4109

■ 29.1339, 29.7634,
18.1196

■ 3.7491, 3.0959,
14.3101

■ 32.5588, 33.0672,
18.5767

■ 3.4525, 2.6588,
14.2414

■ 36.2351, 36.5886,
19.0627

Harmonies

Analogous

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



11.3715, 12.3649, 15.3361



11.7318, 12.3649, 15.6783



12.1053, 12.3649, 15.4008

Triad

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



11.7318, 12.3649, 15.6783



12.4108, 12.3649, 12.4874



11.1377, 12.3649, 12.3901

Complementary

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



11.7318, 12.3649, 15.6783



12.8353, 13.4367, 12.5070

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.



11.4066, 12.3649, 11.6955



11.7318, 12.3649, 15.6783



12.1419, 12.3649, 11.7495

Square

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



11.7318, 12.3649, 15.6783



12.5024, 12.3649, 13.5226



11.7732, 12.3649, 11.4674



11.0332, 12.3649, 13.4041

Rectangle

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



11.7318, 12.3649, 15.6783



12.3104, 12.3649, 14.9097



11.7732, 12.3649, 11.4674



11.2116, 12.3649, 12.1136

Sweetspot

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



11.7322, 12.3654, 15.6786



23.6029, 24.8559, 28.4614



12.2624, 13.8507, 14.5458



5.6629, 5.9642, 6.8815



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.



11.7322, 12.3654, 15.6786



20.0180, 21.0957, 27.9245



11.4074, 11.5162, 15.5318



3.0350, 3.1983, 3.8923



4.1718, 3.1778, 17.3158



20.4693, 14.6172, 87.9688

Inverse Universe

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



12.3186, 12.0324, 13.4782



21.3303, 20.3818, 22.9932



13.1866, 14.3696, 12.6686



3.1435, 3.1343, 3.4858



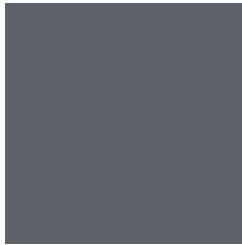
7.8526, 3.9932, 2.8523



39.6148, 20.1878, 12.4399

Previews

White Background



This preview shows how the XYZ color 11.7318, 12.3649, 15.6783 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 11.7318, 12.3649, 15.6783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

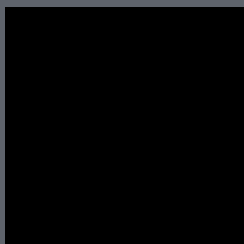
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

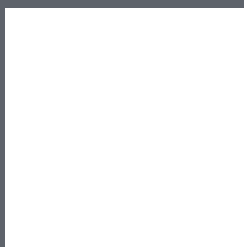
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.7318, 12.3649, 15.6783

Background



This preview shows how black text looks on a background with the XYZ color 11.7318, 12.3649, 15.6783.



This preview shows how white text looks on a background with the XYZ color 11.7318, 12.3649,

15.6783.

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

11.7318, 12.3649, 15.6783

Protanopia

12.0062, 12.3726, 15.3910

Deuteranopia

12.5986, 12.3915, 15.9151



Tritanopia

11.7318, 12.3649, 15.6783

Trichromacy



Original Color

11.7318, 12.3649, 15.6783

Protanomaly

11.8990, 12.3174, 15.3860

Deuteranomaly

12.2370, 12.3414, 15.9245

Tritanomaly

11.7318, 12.3649, 15.6783

Monochromacy



Original Color

11.7318, 12.3649, 15.6783

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.6464, 12.2163, 14.0561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7318, 12.3649, 15.6783 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(94, 99, 107) looks like.

```
.text, #text, p{  
    color:rgb(94, 99, 107)  
}
```

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(94, 99, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 99, 107) }
```

Border

The CSS property to change the border of an element to XYZ 11.7318, 12.3649, 15.6783 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(94, 99, 107) }
```


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

```
.border{ border-color:rgb(94, 99, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 99, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 99, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 99, 107);  
box-shadow:4px 4px 4px 4px rgb(94, 99,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7318, 12.3649, 15.6783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 99, 107) }
```

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

```
.background{ background-color: rgb(94, 99,  
107) }
```

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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