

Converting Colors

XYZ(11.9463, 12.4950, 15.0258)

Have a look what the booklet for
XYZ(11.9463, 12.4950, 15.0258)
contains.

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Color

**XYZ(11.9414, 12.4850,
15.1451)**

Conversions

Conversions Part 1

Format	Color
Hex	616369
RGB	97, 99, 105
RGB Percent	38%, 39%, 41%
CMY	0.6196, 0.6118, 0.5882
CMYK	0.08, 0.06, 0.00, 0.59
HSL	225°, 4%, 40%
HSV	225°, 8%, 41%
XYZ	11.9414, 12.4850, 15.1451
YIQ	99.0860, -3.1180, 1.4420

Conversions

Conversions Part 2

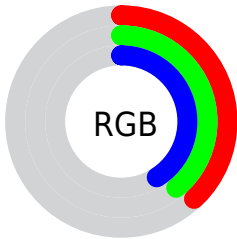
Format	Color
R_{YB}	97, 99, 105
Decimal	6382441
CIE _{Lab}	41.98, 0.52, -3.67
CIE _{LCh}	42, 3.703, 278.133
Yxy	12.4850, 0.3018, 0.3155
Android (android.graphics.Color)	4284572521 (0xFF616369)
YUV	99.0860, 2.9156, -1.8294
Hunter-Lab	35.3341, -1.5095, -0.6793

Details

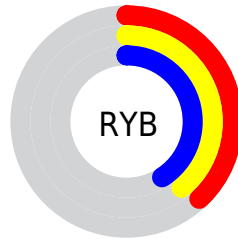
The XYZ color **11.9414, 12.4850, 15.1451** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.8336, 13.5667, 13.2516**, and the grayscale version is **11.8751, 12.4936, 13.6055**.

A 20% lighter version of the original color is **29.1198, 30.5089, 35.8065**, and **3.4021, 3.5555, 4.5100** is the 20% darker color. If you saturate the color by 10%, you get **10.1861, 10.5266, 14.8598**, and if you desaturate by 10%, it is **13.9183, 14.6662, 15.4621**.

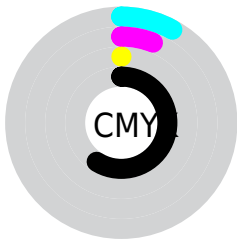
Distribution



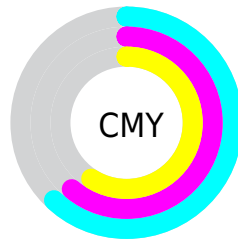
- Red (38%)
- Green (39%)
- Blue (41%)



- Red (38%)
- Yellow (39%)
- Blue (41%)



- Cyan (8%)
- Magenta (6%)
- Yellow (0%)
- Black (59%)



- Cyan (62%)
- Magenta (61%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9414, 12.4850, 15.1451 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 11.9414, 12.4850, 15.1451 by changing the saturation by 10% instead.

■ 11.9414, 12.4850,
15.1451

■ 11.9414, 12.4850,
15.1451

197.7948,
207.5902, 235.9138

■ 6.7757, 7.0749,
8.7735

■ 29.0061, 30.3754,
35.8534

■ 3.3673, 3.5090,
4.4990

■ 41.6358, 43.6245,
51.0273

■ 1.3508, 1.4029,
1.9029

■ 57.4843, 60.2554,
69.9723

■ 0.2208, 0.2188,
0.4946

■ 76.9168, 80.6524,
93.1070

■ 0.0000, 0.0000,
0.0000

100.2988,
105.2000, 120.8499

127.9955,

134.2826, 153.6197

160.3724,
168.2845, 191.8348

■ 11.9414, 12.4850,
15.1451

■ 11.9414, 12.4850,
15.1451

■ 10.1861, 10.5266,
14.8598

■ 13.9183, 14.6662,
15.4621

■ 8.6434, 8.7824,
14.6044

■ 16.1232, 17.0756,
15.8110

■ 7.3053, 7.2454,
14.3783

■ 18.5634, 19.7200,
16.1928

■ 6.1631, 5.9076,
14.1803

■ 21.2458, 22.6057,
16.6084

■ 5.2072, 4.7606,
14.0093

■ 24.1769, 25.7388,
17.0586

■ 4.4272, 3.7952,
13.8640

■ 27.3629, 29.1249,
17.5443

■ 3.8115, 3.0016,
13.7433

■ 30.8099, 32.7698,
18.0662

■ 3.3474, 2.3686,
13.6456

■ 34.5236, 36.6787,
18.6249

■ 2.9999, 1.8737,
13.5684

■ 38.5098, 40.8569,
19.2213

Harmonies

Analogous

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



11.6712, 12.4850, 15.0448



11.9414, 12.4850, 15.1451



12.1953, 12.4850, 14.8173

Triad

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



11.9414, 12.4850, 15.1451



12.2864, 12.4850, 12.6824



11.3838, 12.4850, 13.0391

Complementary

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



11.9414, 12.4850, 15.1451



12.8336, 13.5667, 13.2516

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.



11.5439, 12.4850, 12.4400



11.9414, 12.4850, 15.1451



12.0642, 12.4850, 12.2397

Square

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



11.9414, 12.4850, 15.1451



12.3965, 12.4850, 13.3814



11.7921, 12.4850, 12.1527



11.3520, 12.4850, 13.8089

Rectangle

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



11.9414, 12.4850, 15.1451



12.3203, 12.4850, 14.4073



11.7921, 12.4850, 12.1527



11.4242, 12.4850, 12.8119

Sweetspot

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



11.9418, 12.4855, 15.1454



23.3016, 24.4784, 27.4277



12.4230, 13.6214, 14.7715



5.4729, 5.7501, 6.4273



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.



11.9418, 12.4855, 15.1454



20.8406, 21.7545, 27.0316



11.9557, 12.2146, 15.0924



3.0043, 3.1369, 3.8820



3.6766, 2.1875, 17.1507



18.1334, 9.9454, 87.1901

Inverse Universe

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



12.3528, 12.4537, 13.5578



21.7274, 21.6921, 23.6050



12.8183, 13.8579, 13.3087



3.1280, 3.1281, 3.4042



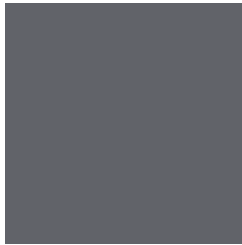
7.6027, 3.8932, 1.5361



38.4357, 19.7162, 6.2311

Previews

White Background



This preview shows how the XYZ color 11.9414, 12.4850, 15.1451 looks on a white background.

Color Contrast Check

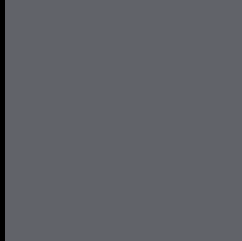
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.9414, 12.4850, 15.1451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

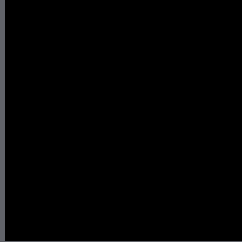
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

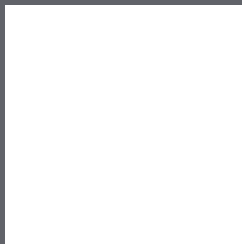
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.9414, 12.4850, 15.1451

Background



This preview shows how black text looks on a background with the XYZ color 11.9414, 12.4850, 15.1451.

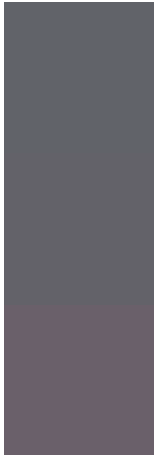


This preview shows how white text looks on a background with the XYZ color 11.9414, 12.4850,

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

11.9414, 12.4850, 15.1451

Protanopia

12.0631, 12.4079, 15.1238

Deuteranopia

12.7282, 12.4705, 15.3719



Tritanopia

12.0454, 12.5266, 15.6929

Trichromacy



Original Color

11.9414, 12.4850, 15.1451

Protanomaly

11.9545, 12.3520, 15.1187

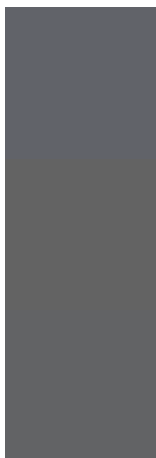
Deuteranomaly

12.4697, 12.4736, 15.3861

Tritanomaly

11.9931, 12.5057, 15.4174

Monochromacy



Original Color

11.9414, 12.4850, 15.1451

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.8478, 12.4599, 14.0925

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9414, 12.4850, 15.1451 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(97, 99, 105) looks like.

```
.text, #text, p{  
    color:rgb(97, 99, 105)  
}
```

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(97, 99, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 99, 105) }
```

Border

The CSS property to change the border of an element to XYZ 11.9414, 12.4850, 15.1451 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(97, 99, 105) }
```


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

```
.border{ border-color:rgb(97, 99, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 99, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 99, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 99, 105);  
box-shadow:4px 4px 4px 4px rgb(97, 99,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9414, 12.4850, 15.1451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 99, 105) }
```

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

```
.background{ background-color: rgb(97, 99,  
105) }
```

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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