

Converting Colors

XYZ(10.7010, 11.3401, 14.1952)

Have a look what the booklet for
XYZ(10.7010, 11.3401, 14.1952)
contains.

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Color

**XYZ(10.7069, 11.3174,
14.1905)**

Conversions

Conversions Part 1

Format	Color
Hex	5A5F66
RGB	90, 95, 102
RGB Percent	35%, 37%, 40%
CMY	0.6471, 0.6274, 0.6000
CMYK	0.12, 0.07, 0.00, 0.60
HSL	215°, 6%, 38%
HSV	215°, 12%, 40%
XYZ	10.7069, 11.3174, 14.1905
YIQ	94.3030, -5.2270, 1.1170

Conversions

Conversions Part 2

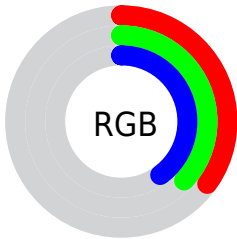
Format	Color
R_YB	90, 94, 102
Decimal	5922662
CIE Lab	40.11, -0.37, -4.66
CIE LCh	40, 4.675, 265.400
Yxy	11.3174, 0.2956, 0.3125
Android (android.graphics.Color)	4284112742 (0xFF5A5F66)
YUV	94.3030, 3.7946, -3.7737
Hunter-Lab	33.6413, -2.0618, -1.4606

Details

The XYZ color **10.7069, 11.3174, 14.1905** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.5996, 12.1121, 11.3995**, and the grayscale version is **10.7035, 11.2609, 12.2631**.

A 20% lighter version of the original color is **26.6904, 28.1262, 34.1591**, and **2.8266, 3.0079, 4.0460** is the 20% darker color. If you saturate the color by 10%, you get **9.2666, 9.8099, 13.9756**, and if you desaturate by 10%, it is **12.3250, 12.9779, 14.4259**.

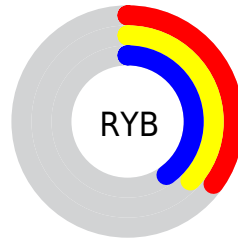
Distribution



Red (35%)

Green (37%)

Blue (40%)



Red (35%)

Yellow (37%)

Blue (40%)

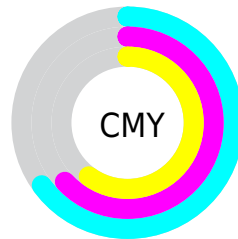


Cyan (12%)

Magenta (7%)

Yellow (0%)

Black (60%)



Cyan (65%)

Magenta (63%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7069, 11.3174, 14.1905 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 10.7069, 11.3174, 14.1905 by changing the saturation by 10% instead.

■ 10.7069, 11.3174,
14.1905

■ 10.7069, 11.3174,
14.1905

189.5956,
199.8323, 229.8822

■ 5.9359, 6.2807,
8.1130

■ 26.7547, 28.2456,
34.1486

■ 2.8465, 3.0165,
4.0785

■ 38.7622, 40.9060,
48.8664

■ 1.0731, 1.1404,
1.6685

■ 53.9126, 56.8763,
67.3013

■ 0.0024, 0.0122,
0.3390

■ 72.5713, 76.5411,
89.8719

■ 0.0000, 0.0000,
0.0000

■ 95.1036, 100.2847,
116.9968

121.8748,

128.4915, 149.0944

153.2504,
161.5459, 186.5834

■ 10.7069, 11.3174,
14.1905

■ 10.7069, 11.3174,
14.1905

■ 9.2666, 9.8099,
13.9756

■ 12.3250, 12.9779,
14.4259

■ 7.9967, 8.4493,
13.7799

■ 14.1259, 14.7945,
14.6816

■ 6.8907, 7.2312,
13.6031

■ 16.1157, 16.7717,
14.9584

■ 5.9412, 6.1504,
13.4445

■ 18.3001, 18.9138,
15.2567

■ 5.1403, 5.2013,
13.3035

■ 20.6842, 21.2247,
15.5771

■ 4.4794, 4.3778,
13.1794

■ 23.2732, 23.7080,
15.9200

■ 3.9489, 3.6733,
13.0714

■ 26.0719, 26.3675,
16.2858

■ 3.5367, 3.0800,
12.9786

■ 29.0850, 29.2067,
16.6750

■ 3.2447, 2.6522,
12.9114

■ 32.3172, 32.2290,
17.0880

Harmonies

Analogous

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



10.4065, 11.3174, 13.8524



10.7069, 11.3174, 14.1905



11.0266, 11.3174, 14.0079

Triad

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



10.7069, 11.3174, 14.1905



11.3302, 11.3174, 11.5723



10.2515, 11.3174, 11.3359

Complementary

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



10.7069, 11.3174, 14.1905



11.5996, 12.1121, 11.3995

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.



10.4915, 11.3174, 10.7784



10.7069, 11.3174, 14.1905



11.1149, 11.3174, 10.9100

Square

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



10.7069, 11.3174, 14.1905



11.3907, 11.3174, 12.4666



10.8070, 11.3174, 10.6265



10.1470, 11.3174, 12.1800

Rectangle

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



10.7069, 11.3174, 14.1905



11.2071, 11.3174, 13.6201



10.8070, 11.3174, 10.6265



10.3188, 11.3174, 11.1105

Sweetspot

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



10.7072, 11.3179, 14.1908



20.9198, 22.0516, 25.1995



11.1163, 12.5359, 13.0943



4.8953, 5.1615, 5.9390



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.



10.7072, 11.3179, 14.1908



18.0820, 19.1259, 24.7843



10.3492, 10.4858, 14.0490



2.7778, 2.9336, 3.5518



4.1302, 3.3322, 16.5698



20.7161, 15.7289, 86.1455

Inverse Universe

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



11.2014, 10.9635, 12.3529



19.1301, 18.3963, 20.8816



11.9862, 13.0193, 11.5542



2.8724, 2.8636, 3.2004



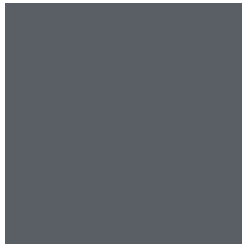
7.5674, 3.8399, 3.1204



39.0517, 19.8607, 14.0814

Previews

White Background



This preview shows how the XYZ color 10.7069, 11.3174, 14.1905 looks on a white background.

Color Contrast Check

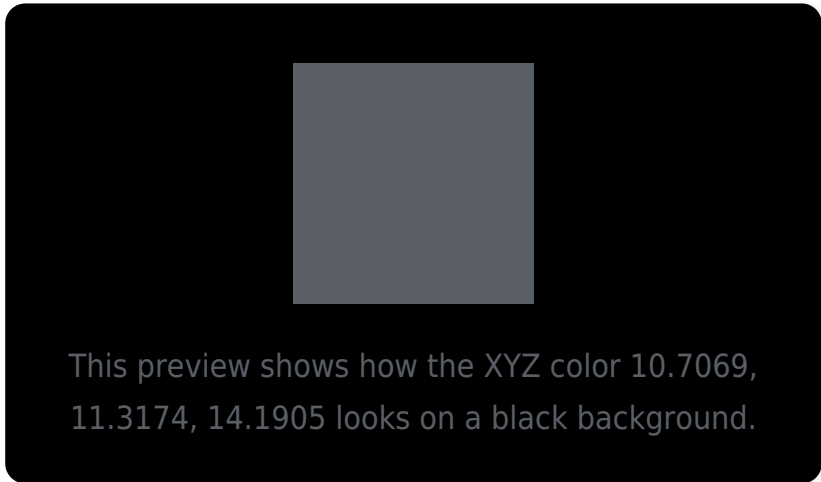
Large Text (above 18pt) WCAG AA ✓ Pass

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

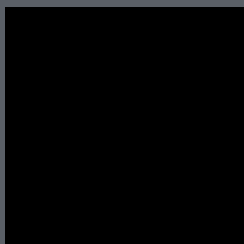
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

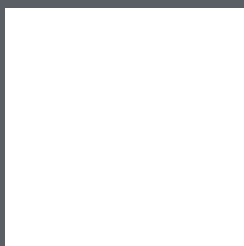
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.7069, 11.3174, 14.1905

Background



This preview shows how black text looks on a background with the XYZ color 10.7069, 11.3174, 14.1905.

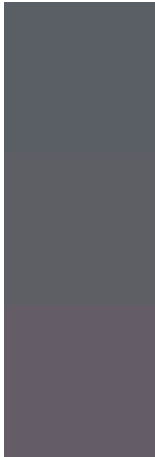


This preview shows how white text looks on a background with the XYZ color 10.7069, 11.3174,

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

10.7069, 11.3174, 14.1905

Protanopia

10.9678, 11.3247, 13.9197

Deuteranopia

11.5309, 11.3429, 14.4136



Tritanopia

10.7069, 11.3174, 14.1905

Trichromacy



Original Color

10.7069, 11.3174, 14.1905

Protanomaly

10.8659, 11.2721, 13.9150

Deuteranomaly

11.1864, 11.2948, 14.4225

Tritanomaly

10.7069, 11.3174, 14.1905

Monochromacy



Original Color

10.7069, 11.3174, 14.1905

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.6746, 11.1956, 12.9076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7069, 11.3174, 14.1905 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(90, 95, 102) looks like.

```
.text, #text, p{  
    color:rgb(90, 95, 102)  
}
```

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(90, 95, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 95, 102) }
```

Border

The CSS property to change the border of an element to XYZ 10.7069, 11.3174, 14.1905 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(90, 95, 102) }
```


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

```
.border{ border-color:rgb(90, 95, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 95, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 95, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 95, 102);  
box-shadow:4px 4px 4px 4px rgb(90, 95,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7069, 11.3174, 14.1905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 95, 102) }
```

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

```
.background{ background-color: rgb(90, 95,  
102) }
```

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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