

Converting Colors

XYZ(11.8979, 13.1528, 14.6619)

Have a look what the booklet for
XYZ(11.8979, 13.1528, 14.6619)
contains.

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Color

**XYZ(11.9127, 13.2071,
14.7533)**

Conversions

Conversions Part 1

Format	Color
Hex	5D6867
RGB	93, 104, 103
RGB Percent	36%, 41%, 40%
CMY	0.6353, 0.5921, 0.5961
CMYK	0.11, 0.00, 0.01, 0.59
HSL	175°, 6%, 39%
HSV	175°, 11%, 41%
XYZ	11.9127, 13.2071, 14.7533
YIQ	100.5970, -6.2350, -2.6430

Conversions

Conversions Part 2

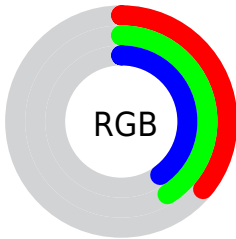
Format	Color
RYB	93, 99, 104
Decimal	6121575
CIELab	43.07, -4.40, -0.87
CIElCh	43, 4.490, 191.212
Yxy	13.2071, 0.2988, 0.3312
Android (android.graphics.Color)	4284311655 (0xFF5D6867)
YUV	100.5970, 1.1847, -6.6626
Hunter-Lab	36.3416, -5.0858, 1.3696

Details

The XYZ color **11.9127, 13.2071, 14.7533** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.6442, 11.5802, 12.2118**, and the grayscale version is **12.2644, 12.9031, 14.0515**.

A 20% lighter version of the original color is **28.8818, 31.6154, 35.1520**, and **3.3492, 3.8161, 4.3014** is the 20% darker color. If you saturate the color by 10%, you get **10.8836, 12.6824, 14.4586**, and if you desaturate by 10%, it is **13.0863, 13.8069, 15.0581**.

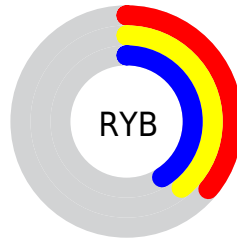
Distribution



Red (36%)

Green (41%)

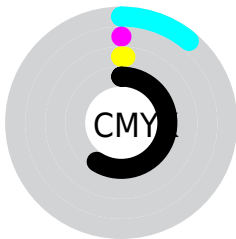
Blue (40%)



Red (36%)

Yellow (39%)

Blue (41%)

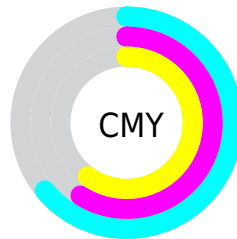


Cyan (11%)

Magenta (0%)

Yellow (1%)

Black (59%)



Cyan (64%)

Magenta (59%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9127, 13.2071, 14.7533 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 11.9127, 13.2071, 14.7533 by changing the saturation by 10% instead.

■ 11.9127, 13.2071,
14.7533

■ 11.9127, 13.2071,
14.7533

197.6082,
212.2407, 233.4572

■ 6.7560, 7.5713,
8.5017

■ 28.9542, 31.6753,
35.1560

■ 3.3550, 3.8219,
4.3253

■ 41.5698, 45.2766,
50.1442

■ 1.3441, 1.5744,
1.8054

■ 57.4024, 62.3018,
68.8816

■ 0.2159, 0.3403,
0.4315

■ 76.8174, 83.1353,
91.7869

■ 0.0000, 0.0000,
0.0000

100.1801,
108.1616, 119.2786

127.8559,

137.7650, 151.7752

160.2102,
172.3299, 189.6952

■ 11.9127, 13.2071,
14.7533

■ 11.9127, 13.2071,
14.7533

■ 10.8836, 12.6824,
14.4586

■ 13.0863, 13.8069,
15.0581

■ 9.9922, 12.2283,
14.1729

■ 14.4086, 14.4830,
15.3724

■ 9.2326, 11.8420,
13.8961

■ 15.8852, 15.2386,
15.6968

■ 8.5983, 11.5203,
13.6280

■ 17.5211, 16.0762,
16.0315

■ 8.0821, 11.2594,
13.3682

■ 19.3208, 16.9982,
16.3767

■ 7.6762, 11.0553,
13.1163

■ 21.2888, 18.0069,
16.7326

■ 7.3716, 10.9034,
12.8719

■ 23.4295, 19.1046,
17.0995

■ 7.1581, 10.7983,
12.6346

■ 25.7471, 20.2934,
17.4775

■ 6.9949, 10.7189,
12.4152

■ 28.2454, 21.5753,
17.8669

Harmonies

Analogous

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



11.9346, 13.2071, 13.7764



11.9127, 13.2071, 14.7533



12.0599, 13.2071, 15.6702

Triad

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



11.9127, 13.2071, 14.7533



12.9956, 13.2071, 15.8591



12.7681, 13.2071, 12.6537

Complementary

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



11.9127, 13.2071, 14.7533



11.6442, 11.5802, 12.2118

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.



13.0592, 13.2071, 13.1632



11.9127, 13.2071, 14.7533



13.1923, 13.2071, 15.0016

Square

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



11.9127, 13.2071, 14.7533



12.6825, 13.2071, 16.3279



13.2157, 13.2071, 14.0136



12.4243, 13.2071, 12.5941

Rectangle

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



11.9127, 13.2071, 14.7533



12.2358, 13.2071, 16.1125



13.2157, 13.2071, 14.0136



12.8755, 13.2071, 12.7769

Sweetspot

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



11.9131, 13.2077, 14.7536



22.4175, 23.9459, 26.2813



11.5529, 13.0765, 12.2712



5.4339, 5.8241, 6.4030



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.



11.9131, 13.2077, 14.7536



20.3710, 22.9008, 25.7366



11.5322, 12.3649, 14.8763



2.8934, 3.1811, 3.5401



8.6162, 13.2101, 15.2722



44.7696, 68.8304, 78.7660

Inverse Universe

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



11.6442, 11.5802, 12.2118



19.7856, 19.3579, 20.2033



11.9969, 12.3573, 12.1090



2.8387, 2.8501, 3.0231



7.0947, 3.6508, 0.6309



36.8493, 18.9797, 2.4835

Previews

White Background



This preview shows how the XYZ color 11.9127, 13.2071, 14.7533 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 11.9127, 13.2071, 14.7533 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

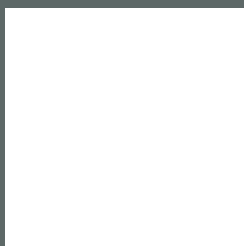
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.9127, 13.2071, 14.7533

Background



This preview shows how black text looks on a background with the XYZ color 11.9127, 13.2071, 14.7533.



This preview shows how white text looks on a background with the XYZ color 11.9127, 13.2071,

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

11.9127, 13.2071, 14.7533

Protanopia

12.5962, 13.1305, 14.1825

Deuteranopia

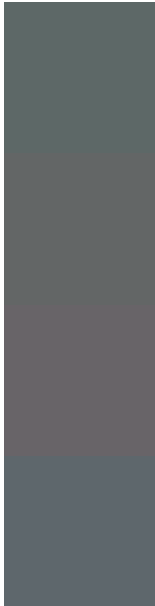
13.2968, 13.0498, 14.9148



Tritanopia

12.3356, 13.2279, 16.9420

Trichromacy



Original Color

11.9127, 13.2071, 14.7533

Protanomaly

12.2952, 13.1147, 14.4537

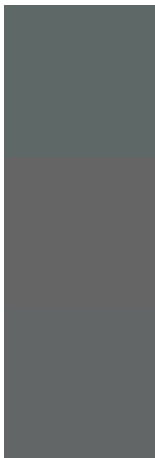
Deuteranomaly

12.7648, 13.0569, 14.9442

Tritanomaly

12.1731, 13.1629, 16.0865

Monochromacy



Original Color

11.9127, 13.2071, 14.7533

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.1866, 13.0587, 14.4487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9127, 13.2071, 14.7533 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(93, 104, 103) looks like.

```
.text, #text, p{  
    color:rgb(93, 104, 103)  
}
```

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(93, 104, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 104, 103) }
```

Border

The CSS property to change the border of an element to XYZ 11.9127, 13.2071, 14.7533 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(93, 104, 103) }
```


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

```
.border{ border-color:rgb(93, 104, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 104, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 104, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 104, 103);  
box-shadow:4px 4px 4px 4px rgb(93, 104,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9127, 13.2071, 14.7533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 104, 103) }
```

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

```
.background{ background-color: rgb(93, 104,  
103) }
```

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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