

Converting Colors

XYZ(11.3600, 11.8986, 14.2683)

Have a look what the booklet for
XYZ(11.3600, 11.8986, 14.2683)
contains.

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Color

**XYZ(11.3923, 11.9416,
14.2749)**

Conversions

Conversions Part 1

Format	Color
Hex	5F6166
RGB	95, 97, 102
RGB Percent	37%, 38%, 40%
CMY	0.6274, 0.6196, 0.6000
CMYK	0.07, 0.05, 0.00, 0.60
HSL	223°, 4%, 39%
HSV	223°, 7%, 40%
XYZ	11.3923, 11.9416, 14.2749
YIQ	96.9720, -2.7970, 1.1310

Conversions

Conversions Part 2

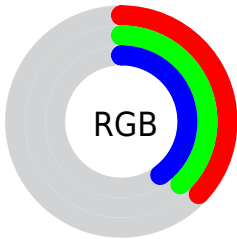
Format	Color
R_{YB}	95, 97, 102
Decimal	6250854
CIE Lab	41.12, 0.30, -3.11
CIE LCh	41, 3.128, 275.586
Yxy	11.9416, 0.3029, 0.3175
Android (android.graphics.Color)	4284440934 (0xFF5F6166)
YUV	96.9720, 2.4788, -1.7294
Hunter-Lab	34.5566, -1.6279, -0.3023

Details

The XYZ color **11.3923, 11.9416, 14.2749** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.1023, 12.7653, 12.6528**, and the grayscale version is **11.3503, 11.9414, 13.0042**.

A 20% lighter version of the original color is **28.0167, 29.4995, 34.3543**, and **3.1400, 3.2965, 4.0852** is the 20% darker color. If you saturate the color by 10%, you get **9.7591, 10.1463, 14.0146**, and if you desaturate by 10%, it is **13.2268, 13.9331, 14.5628**.

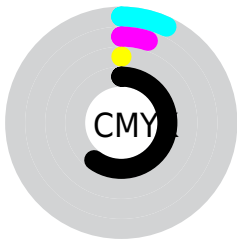
Distribution



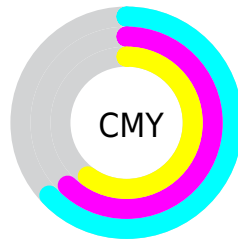
- Red (37%)
- Green (38%)
- Blue (40%)



- Red (37%)
- Yellow (38%)
- Blue (40%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)
- Black (60%)



- Cyan (63%)
- Magenta (62%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3923, 11.9416, 14.2749 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 11.3923, 11.9416, 14.2749 by changing the saturation by 10% instead.

■ 11.3923, 11.9416,
14.2749

■ 11.3923, 11.9416,
14.2749

194.1928,
204.0183, 230.4219

■ 6.4006, 6.7039,
8.1712

■ 28.0099, 29.3887,
34.3001

■ 3.1331, 3.2776,
4.1153

■ 40.3665, 42.3669,
49.0587

■ 1.2245, 1.2783,
1.6888

■ 55.9088, 58.6941,
67.5393

■ 0.1256, 0.1243,
0.3531

■ 75.0021, 78.7546,
90.1605

■ 0.0000, 0.0000,
0.0000

98.0118, 102.9329,
117.3409

125.3032,

131.6134, 149.4988

157.2418,
165.1804, 187.0530

■ 11.3923, 11.9416,
14.2749

■ 11.3923, 11.9416,
14.2749

■ 9.7591, 10.1463,
14.0146

■ 13.2268, 13.9331,
14.5628

■ 8.3190, 8.5396,
13.7804

■ 15.2682, 16.1250,
14.8783

■ 7.0652, 7.1155,
13.5716

■ 17.5232, 18.5235,
15.2224

■ 5.9896, 5.8674,
13.3874

■ 19.9978, 21.1337,
15.5958

■ 5.0837, 4.7881,
13.2268

■ 22.6978, 23.9609,
15.9992

■ 4.3383, 3.8697,
13.0888

■ 25.6290, 27.0100,
16.4332

■ 3.7432, 3.1040,
12.9724

■ 28.7965, 30.2858,
16.8986

■ 3.2870, 2.4815,
12.8763

■ 32.2057, 33.7929,
17.3958

■ 2.9402, 1.9836,
12.7985

■ 35.8617, 37.5358,
17.9256

Harmonies

Analogous

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



11.1723, 11.9416, 14.1636



11.3923, 11.9416, 14.2749



11.6038, 11.9416, 14.0362

Triad

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



11.3923, 11.9416, 14.2749



11.7056, 11.9416, 12.2946



10.9607, 11.9416, 12.4970

Complementary

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



11.3923, 11.9416, 14.2749



12.1023, 12.7653, 12.6528

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.



11.1002, 11.9416, 12.0206



11.3923, 11.9416, 14.2749



11.5299, 11.9416, 11.9065

Square

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



11.3923, 11.9416, 14.2749



11.7862, 11.9416, 12.8821



11.3081, 11.9416, 11.8078



10.9250, 11.9416, 13.1234

Rectangle

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



11.3923, 11.9416, 14.2749



11.7108, 11.9416, 13.7153



11.3081, 11.9416, 11.8078



10.9969, 11.9416, 12.3146

Sweetspot

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



11.3926, 11.9421, 14.2752



21.4809, 22.5779, 25.2715



11.7663, 12.8540, 13.8924



5.0811, 5.3411, 5.9639



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.



11.3926, 11.9421, 14.2752



19.5677, 20.4930, 24.9699



11.3568, 11.6525, 14.2212



2.7506, 2.8793, 3.5428



3.6187, 2.3092, 16.3993



18.2090, 10.7147, 85.3098

Inverse Universe

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



11.7297, 11.8725, 12.9833



20.2717, 20.3525, 22.2704



12.1393, 13.0728, 12.7102



2.8587, 2.8581, 3.1284



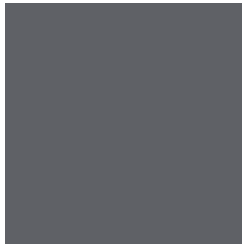
7.3093, 3.7367, 1.7609



37.7862, 19.3545, 7.4176

Previews

White Background



This preview shows how the XYZ color 11.3923, 11.9416, 14.2749 looks on a white background.

Color Contrast Check

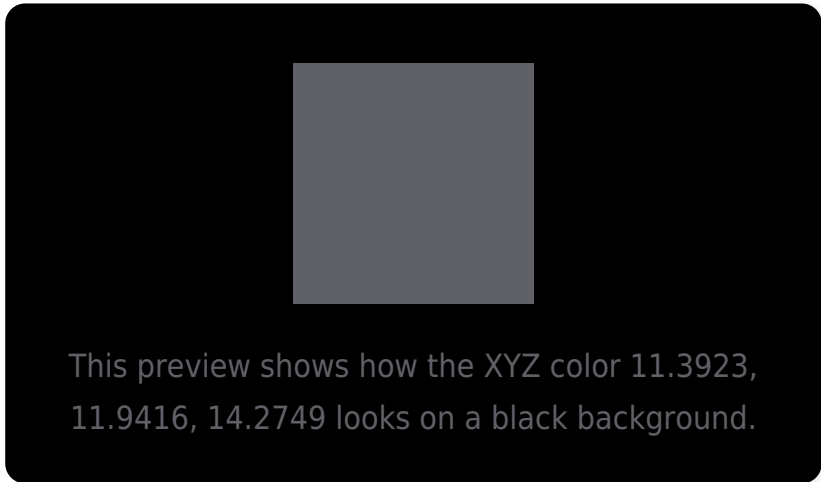
Large Text (above 18pt) WCAG AA ✓ Pass

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

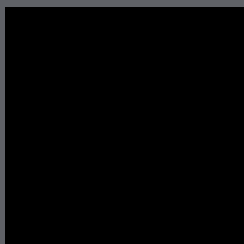
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

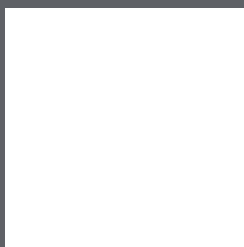
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.3923, 11.9416, 14.2749

Background



This preview shows how black text looks on a background with the XYZ color 11.3923, 11.9416, 14.2749.

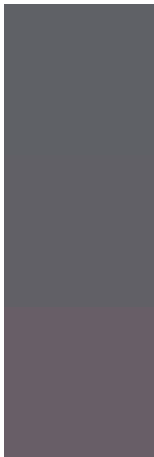


This preview shows how white text looks on a background with the XYZ color 11.3923, 11.9416,

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

11.3923, 11.9416, 14.2749

Protanopia

11.5109, 11.8664, 14.2541

Deuteranopia

12.1598, 11.9277, 14.4934



Tritanopia

11.4927, 11.9818, 14.8037

Trichromacy



Original Color

11.3923, 11.9416, 14.2749

Protanomaly

11.4050, 11.8118, 14.2492

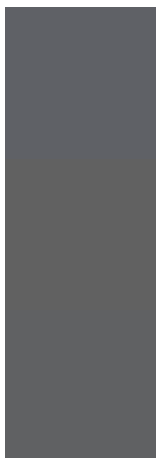
Deuteranomaly

11.9072, 11.9304, 14.5072

Tritanomaly

11.4422, 11.9616, 14.5377

Monochromacy



Original Color

11.3923, 11.9416, 14.2749

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.3507, 11.9370, 13.5102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3923, 11.9416, 14.2749 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(95, 97, 102) looks like.

```
.text, #text, p{  
    color:rgb(95, 97, 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(95, 97, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 97, 102) }
```

Border

The CSS property to change the border of an element to XYZ 11.3923, 11.9416, 14.2749 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(95, 97, 102) }
```


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

```
.border{ border-color:rgb(95, 97, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 97, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 97, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 97, 102);  
box-shadow:4px 4px 4px 4px rgb(95, 97,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3923, 11.9416, 14.2749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 97, 102) }
```

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

```
.background{ background-color: rgb(95, 97,  
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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