

Converting Colors

XYZ(13.9481, 15.5804, 19.1967)

Have a look what the booklet for
XYZ(13.9481, 15.5804, 19.1967)
contains.

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Color

**XYZ(13.9399, 15.5814,
19.1024)**

Conversions

Conversions Part 1

Format	Color
Hex	607175
RGB	96, 113, 117
RGB Percent	38%, 44%, 46%
CMY	0.6235, 0.5569, 0.5412
CMYK	0.18, 0.03, 0.00, 0.54
HSL	191°, 10%, 42%
HSV	191°, 18%, 46%
XYZ	13.9399, 15.5814, 19.1024
YIQ	108.3730, -11.4160, -2.3600

Conversions

Conversions Part 2

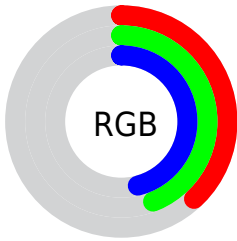
Format	Color
R _Y B	96, 105, 117
Decimal	6320501
CIE Lab	46.42, -5.37, -4.34
CIE LCh	46, 6.908, 218.933
Yxy	15.5814, 0.2867, 0.3204
Android (android.graphics.Color)	4284510581 (0xFF607175)
YUV	108.3730, 4.2531, -10.8511
Hunter-Lab	39.4733, -6.0414, -1.0611

Details

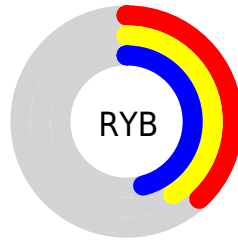
The XYZ color **13.9399, 15.5814, 19.1024** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.0048, 13.7408, 12.9808**, and the grayscale version is **14.3497, 15.0970, 16.4407**.

A 20% lighter version of the original color is **32.6492, 35.9779, 42.7597**, and **4.2311, 4.8632, 6.3459** is the 20% darker color. If you saturate the color by 10%, you get **12.5540, 14.5029, 18.9675**, and if you desaturate by 10%, it is **15.5160, 16.7679, 19.2486**.

Distribution



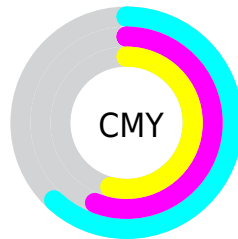
- Red (38%)
- Green (44%)
- Blue (46%)



- Red (38%)
- Yellow (41%)
- Blue (46%)



- Cyan (18%)
- Magenta (3%)
- Yellow (0%)
- Black (54%)



- Cyan (62%)
- Magenta (56%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9399, 15.5814, 19.1024 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 13.9399, 15.5814, 19.1024 by changing the saturation by 10% instead.

■ 13.9399, 15.5814,
19.1024

■ 13.9399, 15.5814,
19.1024

210.3747,
226.8588, 259.4550

■ 8.1603, 9.2284,
11.5667

■ 32.5695, 35.8700,
42.7461

■ 4.2504, 4.8905,
6.3305

■ 46.1502, 50.5743,
59.6911

■ 1.8447, 2.1831,
2.9750

■ 63.0620, 68.8313,
80.6098

■ 0.5444, 0.7108,
1.0819

■ 83.6703, 91.0252,
105.9205

■ 0.0000, 0.0000,
0.0000

108.3403,
117.5406, 136.0418

137.4375,

148.7617, 171.3923

171.3272,
185.0730, 212.3905

■ 13.9399, 15.5814,
19.1024

■ 13.9399, 15.5814,
19.1024

■ 12.5540, 14.5029,
18.9675

■ 15.5160, 16.7679,
19.2486

■ 11.3489, 13.5262,
18.8425

■ 17.2887, 18.0643,
19.4054

■ 10.3163, 12.6473,
18.7273

■ 19.2655, 19.4752,
19.5735

■ 9.4468, 11.8614,
18.6214

■ 21.4532, 21.0041,
19.7533

■ 8.7300, 11.1630,
18.5244

■ 23.8584, 22.6544,
19.9451

■ 8.1542, 10.5460,
18.4357

■ 26.4873, 24.4294,
20.1492

■ 7.7061, 10.0036,
18.3546

■ 29.3458, 26.3322,
20.3658

■ 7.3495, 9.5168,
18.2794

■ 32.4396, 28.3658,
20.5952

■ 7.2783, 9.4190,
18.2643

■ 35.7743, 30.5331,
20.8378

Harmonies

Analogous

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



13.7111, 15.5814, 17.4778



13.9399, 15.5814, 19.1024



14.4034, 15.5814, 20.2003

Triad

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



13.9399, 15.5814, 19.1024



15.8998, 15.5814, 18.1672



14.6332, 15.5814, 13.9385

Complementary

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



13.9399, 15.5814, 19.1024



14.0048, 13.7408, 12.9808

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.



15.2235, 15.5814, 14.0959



13.9399, 15.5814, 19.1024



15.9654, 15.5814, 16.4633

Square

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



13.9399, 15.5814, 19.1024



15.5381, 15.5814, 19.6358



15.7149, 15.5814, 14.9942



14.1043, 15.5814, 14.5489

Rectangle

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



13.9399, 15.5814, 19.1024



14.7884, 15.5814, 20.4460



15.7149, 15.5814, 14.9942



14.8309, 15.5814, 13.9042

Sweetspot

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



13.9404, 15.5820, 19.1028



28.6429, 30.6600, 34.5453



13.4785, 16.1269, 14.4213



6.5465, 7.0205, 7.9390



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



13.9404, 15.5820, 19.1028



23.7745, 26.9864, 34.0928



12.8506, 13.4025, 18.7395



3.7269, 4.0425, 4.6741



8.0085, 10.3567, 20.1195



38.4349, 49.2863, 97.8478

Inverse Universe

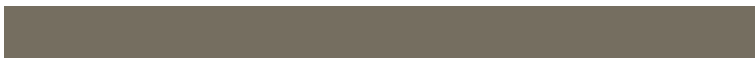
The Inverse Universe completely reimagines the original color for something new.



14.5000, 13.3403, 17.4342



25.0086, 22.1408, 30.3913



15.0615, 15.8543, 13.3331



3.7982, 3.7466, 4.4640



10.3395, 5.0695, 12.2617



50.0869, 24.5849, 58.1802

Previews

White Background



This preview shows how the XYZ color 13.9399, 15.5814, 19.1024 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 13.9399, 15.5814, 19.1024 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

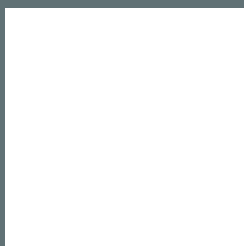
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.9399, 15.5814, 19.1024

Background



This preview shows how black text looks on a background with the XYZ color 13.9399, 15.5814, 19.1024.



This preview shows how white text looks on a background with the XYZ color 13.9399, 15.5814,

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

13.9399, 15.5814, 19.1024

Protanopia

14.9936, 15.4901, 18.4193

Deuteranopia

15.8638, 15.6053, 19.3156



Tritanopia

14.1751, 15.5102, 20.3358

Trichromacy



Original Color

13.9399, 15.5814, 19.1024

Protanomaly

14.5540, 15.4161, 18.7315

Deuteranomaly

15.0453, 15.4965, 19.3377

Tritanomaly

14.1141, 15.4858, 20.0145

Monochromacy



Original Color

13.9399, 15.5814, 19.1024

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.1541, 15.2426, 17.2350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9399, 15.5814, 19.1024 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(96, 113, 117) looks like.

```
.text, #text, p{  
    color:rgb(96, 113, 117)  
}
```

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(96, 113, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 113, 117) }
```

Border

The CSS property to change the border of an element to XYZ 13.9399, 15.5814, 19.1024 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(96, 113, 117) }
```


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

```
.border{ border-color:rgb(96, 113, 117) }
```

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

Here you see how a box with a 4 pixel rgb(96, 113, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 113, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 113, 117);  
box-shadow:4px 4px 4px 4px rgb(96, 113,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9399, 15.5814, 19.1024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 113, 117) }
```

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

```
.background{ background-color: rgb(96, 113,  
117) }
```

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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