

Converting Colors

XYZ(13.9544, 15.2687, 19.5758)

Have a look what the booklet for
XYZ(13.9544, 15.2687, 19.5758)
contains.

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Color

**XYZ(13.9440, 15.2422,
19.6599)**

Conversions

Conversions Part 1

Format	Color
Hex	616F77
RGB	97, 111, 119
RGB Percent	38%, 44%, 47%
CMY	0.6196, 0.5647, 0.5333
CMYK	0.18, 0.07, 0.00, 0.53
HSL	202°, 10%, 42%
HSV	202°, 18%, 47%
XYZ	13.9440, 15.2422, 19.6599
YIQ	107.7260, -10.9120, -0.4800

Conversions

Conversions Part 2

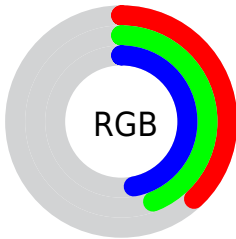
Format	Color
R_{YB}	97, 106, 119
Decimal	6385527
CIE _{Lab}	45.96, -3.38, -6.21
CIE _{LCh}	46, 7.068, 241.420
Yxy	15.2422, 0.2855, 0.3120
Android (android.graphics.Color)	4284575607 (0xFF616F77)
YUV	107.7260, 5.5581, -9.4067
Hunter-Lab	39.0413, -4.5690, -2.5276

Details

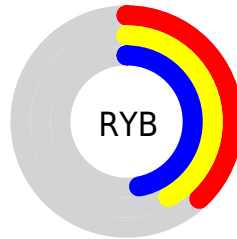
The XYZ color **13.9440, 15.2422, 19.6599** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.8171, 14.8882, 13.4023**, and the grayscale version is **14.1647, 14.9024, 16.2287**.

A 20% lighter version of the original color is **32.6606, 35.4306, 43.6455**, and **4.2302, 4.6881, 6.6432** is the 20% darker color. If you saturate the color by 10%, you get **12.3093, 13.7159, 19.4517**, and if you desaturate by 10%, it is **15.7927, 16.9135, 19.8853**.

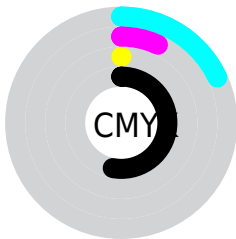
Distribution



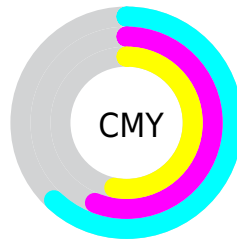
- Red (38%)
- Green (44%)
- Blue (47%)



- Red (38%)
- Yellow (42%)
- Blue (47%)



- Cyan (18%)
- Magenta (7%)
- Yellow (0%)
- Black (53%)



- Cyan (62%)
- Magenta (56%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9440, 15.2422, 19.6599 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 13.9440, 15.2422, 19.6599 by changing the saturation by 10% instead.

■ 13.9440, 15.2422,
19.6599

■ 13.9440, 15.2422,
19.6599

210.3998,
224.8275, 262.6110

■ 8.1632, 8.9895,
11.9664

■ 32.5767, 35.2775,
43.6977

■ 4.2522, 4.7344,
6.5986

■ 46.1593, 49.8290,
60.8791

■ 1.8458, 2.0923,
3.1377

■ 63.0732, 67.9155,
82.0603

■ 0.5450, 0.6603,
1.1654

■ 83.6838, 89.9214,
107.6597

■ 0.0000, 0.0000,
0.0000

108.3564,
116.2312, 138.0960

137.4563,

147.2292, 173.7876

171.3490,
183.2999, 215.1531

■ 13.9440, 15.2422,
19.6599

■ 13.9440, 15.2422,
19.6599

■ 12.3093, 13.7159,
19.4517

■ 15.7927, 16.9135,
19.8853

■ 10.8785, 12.3279,
19.2592

■ 17.8623, 18.7328,
20.1274

■ 9.6427, 11.0733,
19.0822

■ 20.1610, 20.7050,
20.3869

■ 8.5917, 9.9465,
18.9201

■ 22.6963, 22.8345,
20.6643

■ 7.7141, 8.9411,
18.7723

■ 25.4751, 25.1253,
20.9600

■ 6.9976, 8.0502,
18.6381

■ 28.5042, 27.5813,
21.2744

■ 6.4278, 7.2658,
18.5167

■ 31.7900, 30.2063,
21.6079

■ 5.9638, 6.5664,
18.4062

■ 35.3388, 33.0039,
21.9609

■ 5.8961, 6.4645,
18.3901

■ 39.1566, 35.9776,
22.3336

Harmonies

Analogous

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



13.5278, 15.2422, 18.3731



13.9440, 15.2422, 19.6599



14.5158, 15.2422, 20.1115

Triad

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



13.9440, 15.2422, 19.6599



15.6677, 15.2422, 16.5147



13.8959, 15.2422, 13.9410

Complementary

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



13.9440, 15.2422, 19.6599



14.8171, 14.8882, 13.4023

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.



14.4588, 15.2422, 13.5164



13.9440, 15.2422, 19.6599



15.4910, 15.2422, 14.9376

Square

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



13.9440, 15.2422, 19.6599



15.5209, 15.2422, 18.2223



15.0444, 15.2422, 13.8685



13.5006, 15.2422, 15.0698

Rectangle

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



13.9440, 15.2422, 19.6599



14.9113, 15.2422, 19.8552



15.0444, 15.2422, 13.8685



14.0713, 15.2422, 13.7148

Sweetspot

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



13.9445, 15.2428, 19.6602



29.1091, 31.0234, 35.7070



14.0613, 16.7491, 15.7760



6.8566, 7.3151, 8.4572



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



13.9445, 15.2428, 19.6602



23.7328, 26.1513, 35.0499



12.8459, 13.0456, 19.2940



3.6767, 3.9420, 4.6573



6.2549, 6.8496, 19.5350



29.6454, 31.7074, 94.9180

Inverse Universe

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



14.7521, 13.6194, 16.8910



25.4669, 22.7644, 29.0814



15.9766, 17.2070, 13.7888



3.7728, 3.7364, 4.3305



9.4543, 4.7155, 7.6007



45.6504, 22.8103, 34.8179

Previews

White Background



This preview shows how the XYZ color 13.9440, 15.2422, 19.6599 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 13.9440, 15.2422, 19.6599 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

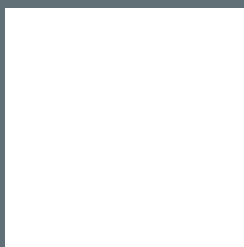
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.9440, 15.2422, 19.6599

Background



This preview shows how black text looks on a background with the XYZ color 13.9440, 15.2422, 19.6599.



This preview shows how white text looks on a background with the XYZ color 13.9440, 15.2422,

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

13.9440, 15.2422, 19.6599

Protanopia

14.7578, 15.1976, 18.9852

Deuteranopia

15.4836, 15.2415, 19.8951



Tritanopia

14.0044, 15.2663, 19.9779

Trichromacy



Original Color

13.9440, 15.2422, 19.6599

Protanomaly

14.4476, 15.1883, 19.3097

Deuteranomaly

14.9371, 15.2693, 19.9293

Tritanomaly

14.0044, 15.2663, 19.9779

Monochromacy



Original Color

13.9440, 15.2422, 19.6599

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.1022, 15.0502, 17.4909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9440, 15.2422, 19.6599 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, 111, 119) looks like.

```
.text, #text, p{  
    color:rgb(97, 111, 119)  
}
```

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, 111, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 111, 119) }
```

Border

The CSS property to change the border of an element to XYZ 13.9440, 15.2422, 19.6599 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, 111, 119) }
```


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

```
.border{ border-color:rgb(97, 111, 119) }
```

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

Here you see how a box with a 4 pixel rgb(97, 111, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 111, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 111, 119);  
box-shadow:4px 4px 4px 4px rgb(97, 111,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9440, 15.2422, 19.6599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 111, 119) }
```

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

```
.background{ background-color: rgb(97, 111,  
119) }
```

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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