

Converting Colors

XYZ(13.3983, 14.3411, 18.8916)

Have a look what the booklet for
XYZ(13.3983, 14.3411, 18.8916)
contains.

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Color

**XYZ(13.3983, 14.3411,
18.8916)**

Conversions

Conversions Part 1

Format	Color
Hex	616B75
RGB	97, 107, 117
RGB Percent	38%, 42%, 46%
CMY	0.6196, 0.5804, 0.5412
CMYK	0.17, 0.09, 0.00, 0.54
HSL	210°, 9%, 42%
HSV	210°, 17%, 46%
XYZ	13.3983, 14.3411, 18.8916
YIQ	105.1500, -9.1700, 0.9900

Conversions

Conversions Part 2

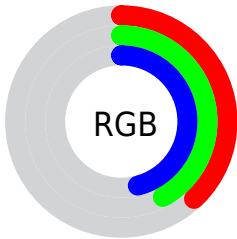
Format	Color
R _Y B	97, 104, 117
Decimal	6384501
CIE Lab	44.72, -1.50, -6.86
CIE LCh	45, 7.024, 257.699
Yxy	14.3411, 0.2873, 0.3075
Android (android.graphics.Color)	4284574581 (0xFF616B75)
YUV	105.1500, 5.8420, -7.1476
Hunter-Lab	37.8696, -3.1185, -3.0686

Details

The XYZ color **13.3983, 14.3411, 18.8916** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.7516, 15.1603, 13.4582**, and the grayscale version is **13.4546, 14.1553, 15.4151**.

A 20% lighter version of the original color is **31.6010, 33.6142, 42.3588**, and **4.0054, 4.3395, 6.2567** is the 20% darker color. If you saturate the color by 10%, you get **11.6532, 12.5669, 18.6414**, and if you desaturate by 10%, it is **15.3694, 16.2938, 19.1648**.

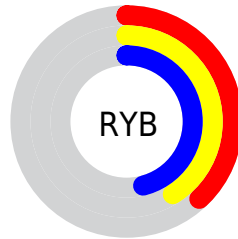
Distribution



Red (38%)

Green (42%)

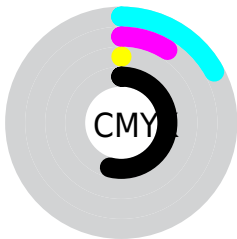
Blue (46%)



Red (38%)

Yellow (41%)

Blue (46%)

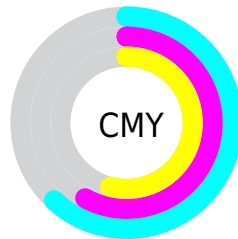


Cyan (17%)

Magenta (9%)

Yellow (0%)

Black (54%)



Cyan (62%)

Magenta (58%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.3983, 14.3411, 18.8916 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 13.3983, 14.3411, 18.8916 by changing the saturation by 10% instead.

■ 13.3983, 14.3411,
18.8916

■ 13.3983, 14.3411,
18.8916

207.0412,
219.3426, 258.2524

■ 7.7823, 8.3583,
11.4160

■ 31.6128, 33.6930,
42.3851

■ 4.0066, 4.3251,
6.2297

■ 44.9419, 47.8310,
59.2400

■ 1.7059, 1.8570,
2.9142

■ 61.5729, 65.4560,
80.0585

■ 0.4599, 0.5223,
1.0510

■ 81.8709, 86.9527,
105.2590

■ 0.0000, 0.0000,
0.0000

106.2014,
112.7053, 135.2601

134.9297,

143.0982, 170.4804

168.4212,
178.5158, 211.3383

■ 13.3983, 14.3411,
18.8916

■ 13.3983, 14.3411,
18.8916

■ 11.6532, 12.5669,
18.6414

■ 15.3694, 16.2938,
19.1648

■ 10.1240, 10.9637,
18.4125

■ 17.5736, 18.4287,
19.4607

■ 8.8017, 9.5260,
18.2047

■ 20.0192, 20.7515,
19.7802

■ 7.6761, 8.2472,
18.0172

■ 22.7136, 23.2674,
20.1238

■ 6.7360, 7.1203,
17.8492

■ 25.6640, 25.9809,
20.4921

■ 5.9691, 6.1375,
17.6999

■ 28.8773, 28.8967,
20.8855

■ 5.3612, 5.2901,
17.5684

■ 32.3600, 32.0193,
21.3047

■ 4.8803, 4.5600,
17.4528

■ 36.1185, 35.3528,
21.7500

■ 4.7498, 4.3621,
17.4215

■ 40.1590, 38.9016,
22.2220

Harmonies

Analogous

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



12.9054, 14.3411, 18.0569



13.3983, 14.3411, 18.8916



13.9672, 14.3411, 18.8048

Triad

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



13.3983, 14.3411, 18.8916



14.7033, 14.3411, 14.6789



12.8351, 14.3411, 13.5937

Complementary

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



13.3983, 14.3411, 18.8916



14.7516, 15.1603, 13.4582

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.



13.2999, 14.3411, 12.8081



13.3983, 14.3411, 18.8916



14.3828, 14.3411, 13.4038

Square

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



13.3983, 14.3411, 18.8916



14.7314, 14.3411, 16.2943



13.8659, 14.3411, 12.7411



12.5864, 14.3411, 14.9549

Rectangle

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



13.3983, 14.3411, 18.8916



14.3130, 14.3411, 18.2363



13.8659, 14.3411, 12.7411



12.9706, 14.3411, 13.2578

Sweetspot

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



13.3987, 14.3417, 18.8919



28.2639, 29.9020, 34.4190



13.9276, 16.3188, 16.2341



6.4503, 6.8281, 7.9070



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.



13.3987, 14.3417, 18.8919



22.5535, 24.2290, 33.6250



12.4464, 12.4371, 18.5745



3.6378, 3.8643, 4.6444



5.2177, 4.7750, 19.1892



24.5694, 21.5554, 93.2260

Inverse Universe

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



14.2650, 13.3931, 15.7439



24.4693, 22.2198, 26.6426



15.8166, 17.2903, 13.8132



3.7532, 3.7286, 4.2272



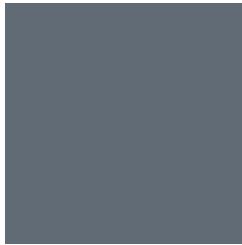
8.9308, 4.5060, 4.8436



43.0883, 21.7854, 21.3259

Previews

White Background



This preview shows how the XYZ color 13.3983, 14.3411, 18.8916 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 13.3983, 14.3411, 18.8916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

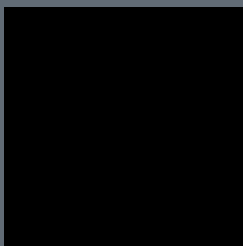
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

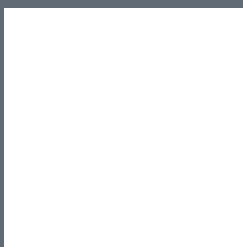
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.3983, 14.3411, 18.8916

Background



This preview shows how black text looks on a background with the XYZ color 13.3983, 14.3411, 18.8916.



This preview shows how white text looks on a background with the XYZ color 13.3983, 14.3411,

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

13.3983, 14.3411, 18.8916

Protanopia

14.0297, 14.3674, 18.5567

Deuteranopia

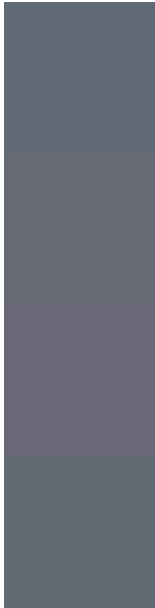
14.5507, 14.3235, 19.1373



Tritanopia

13.3398, 14.3177, 18.5835

Trichromacy



Original Color

13.3983, 14.3411, 18.8916

Protanomaly

13.7859, 14.3938, 18.5747

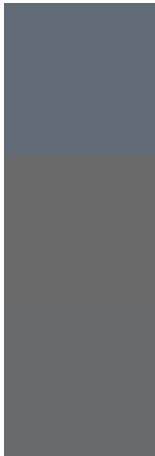
Deuteranomaly

14.0460, 14.2119, 19.1424

Tritanomaly

13.3398, 14.3177, 18.5835

Monochromacy



Original Color

13.3983, 14.3411, 18.8916

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.3938, 14.2370, 16.5101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.3983, 14.3411, 18.8916 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, 107, 117) looks like.

```
.text, #text, p{  
    color:rgb(97, 107, 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(97, 107, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 107, 117) }
```

Border

The CSS property to change the border of an element to XYZ 13.3983, 14.3411, 18.8916 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, 107, 117) }
```


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

```
.border{ border-color:rgb(97, 107, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 107, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 107, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 107, 117);  
box-shadow:4px 4px 4px 4px rgb(97, 107,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 13.3983, 14.3411, 18.8916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 107, 117) }
```

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

```
.background{ background-color: rgb(97, 107,  
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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