

Converting Colors

XYZ(14.0384, 13.1780, 16.3875)

Have a look what the booklet for
XYZ(14.0384, 13.1780, 16.3875)
contains.

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Color

**XYZ(14.0134, 13.1147,
16.2608)**

Conversions

Conversions Part 1

Format	Color
Hex	73606D
RGB	115, 96, 109
RGB Percent	45%, 38%, 43%
CMY	0.5490, 0.6235, 0.5725
CMYK	0.00, 0.17, 0.05, 0.55
HSL	319°, 9%, 41%
HSV	319°, 17%, 45%
XYZ	14.0134, 13.1147, 16.2608
YIQ	103.1630, 7.1510, 8.0710

Conversions

Conversions Part 2

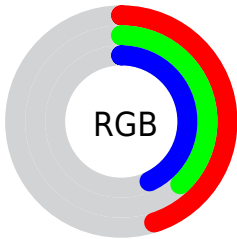
Format	Color
R_{YB}	115, 96, 109
Decimal	7561325
CIE Lab	42.94, 10.11, -4.50
CIE LCh	43, 11.065, 336.019
Yxy	13.1147, 0.3230, 0.3023
Android (android.graphics.Color)	4285751405 (0xFF73606D)
YUV	103.1630, 2.8776, 10.3810
Hunter-Lab	36.2142, 5.6972, -1.2723

Details

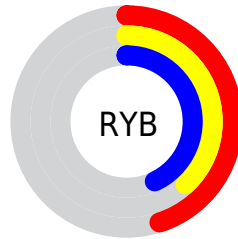
The XYZ color **14.0134, 13.1147, 16.2608** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.3534, 15.7079, 14.8992**, and the grayscale version is **12.9269, 13.6001, 14.8105**.

A 20% lighter version of the original color is **32.7152, 31.6210, 37.6369**, and **4.3248, 3.8223, 5.0673** is the 20% darker color. If you saturate the color by 10%, you get **12.8486, 11.0914, 14.9278**, and if you desaturate by 10%, it is **15.3406, 15.4494, 17.6881**.

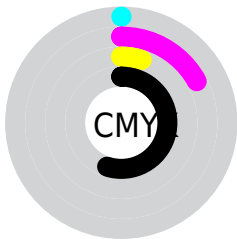
Distribution



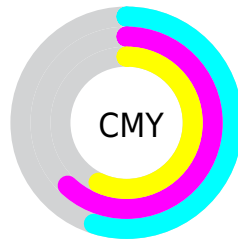
- Red (45%)
- Green (38%)
- Blue (43%)



- Red (45%)
- Yellow (38%)
- Blue (43%)



- Cyan (0%)
- Magenta (17%)
- Yellow (5%)
- Black (55%)



- Cyan (55%)
- Magenta (62%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0134, 13.1147, 16.2608 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 14.0134, 13.1147, 16.2608 by changing the saturation by 10% instead.

■ 14.0134, 13.1147,
16.2608

■ 14.0134, 13.1147,
16.2608

210.8231,
211.6515, 242.7738

■ 8.2118, 7.5076,
9.5525

■ 32.6989, 31.5097,
37.8234

■ 4.2837, 3.7815,
5.0016

■ 46.3134, 45.0664,
53.5149

■ 1.8638, 1.5521,
2.1894

■ 63.2629, 62.0416,
73.0379

■ 0.5557, 0.3250,
0.6683

■ 83.9128, 82.8200,
96.8108

■ 0.0000, 0.0000,
0.0000

108.6284,
107.7857, 125.2524

137.7751,

137.3233, 158.7810

171.7182,
171.8171, 197.8153

■ 14.0134, 13.1147,
16.2608

■ 14.0134, 13.1147,
16.2608

■ 12.8486, 11.0914,
14.9278

■ 15.3406, 15.4494,
17.6881

■ 11.8383, 9.3644,
13.6856

■ 16.8353, 18.1063,
19.2114

■ 10.9756, 7.9201,
12.5315

■ 18.5039, 21.0978,
20.8334

■ 10.2527, 6.7430,
11.4624

■ 20.3521, 24.4351,
22.5566

■ 9.6611, 5.8160,
10.4750

■ 22.3853, 28.1289,
24.3831

9.1911, 5.1204,
9.5656

24.6087, 32.1893,
26.3152

8.8320, 4.6344,
8.7299

27.0272, 36.6263,
28.3548

8.5597, 4.3101,
7.9596

29.6457, 41.4493,
30.5041

8.4700, 4.2048,
7.7016

32.4688, 46.6674,
32.7650

Harmonies

Analogous

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



13.4477, 13.1147, 18.3948



14.0134, 13.1147, 16.2608



14.1562, 13.1147, 13.7961

Triad

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



14.0134, 13.1147, 16.2608



12.2951, 13.1147, 10.1247



11.1935, 13.1147, 17.2023

Complementary

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



14.0134, 13.1147, 16.2608



13.3534, 15.7079, 14.8992

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.



10.9144, 13.1147, 14.7745



14.0134, 13.1147, 16.2608



11.5316, 13.1147, 10.8292

Square

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



14.0134, 13.1147, 16.2608



13.1389, 13.1147, 10.4274



11.0353, 13.1147, 12.4664



11.8148, 13.1147, 18.9801

Rectangle

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



14.0134, 13.1147, 16.2608



13.9869, 13.1147, 12.3295



11.0353, 13.1147, 12.4664



11.0579, 13.1147, 16.4254

Sweetspot

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



14.0138, 13.1153, 16.2611



27.8234, 28.2904, 32.0419



12.7235, 12.4115, 17.9449



6.6037, 6.6889, 7.6087



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.



14.0138, 13.1153, 16.2611



24.2243, 21.9680, 28.1421



13.5441, 12.9274, 13.7879



3.7798, 3.7392, 4.3670



9.6730, 4.8029, 8.7522



46.7370, 23.2449, 40.5397

Inverse Universe

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



14.0138, 13.1153, 16.2611



24.2243, 21.9680, 28.1421



13.8353, 15.9007, 17.4369



3.7798, 3.7392, 4.3670



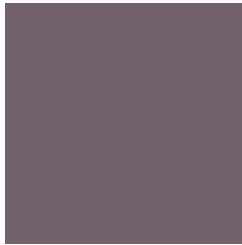
9.6730, 4.8029, 8.7522



46.7370, 23.2449, 40.5397

Previews

White Background



This preview shows how the XYZ color 14.0134, 13.1147, 16.2608 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 14.0134, 13.1147, 16.2608 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 14.0134, 13.1147, 16.2608

Background



This preview shows how black text looks on a background with the XYZ color 14.0134, 13.1147, 16.2608.



This preview shows how white text looks on a background with the XYZ color 14.0134, 13.1147,

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

14.0134, 13.1147, 16.2608

Protanopia

12.8338, 13.1865, 17.1981

Deuteranopia

13.4065, 13.2160, 16.3123



Tritanopia

13.7128, 13.1263, 14.9076

Trichromacy



Original Color

14.0134, 13.1147, 16.2608

Protanomaly

13.1568, 13.0746, 16.8691

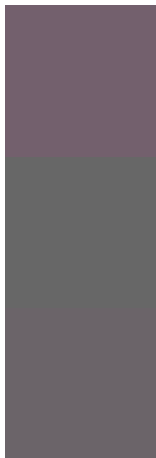
Deuteranomaly

13.6835, 13.2190, 16.2983

Tritanomaly

13.8156, 13.1674, 15.4491

Monochromacy



Original Color

14.0134, 13.1147, 16.2608

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.1704, 13.2601, 15.2299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0134, 13.1147, 16.2608 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(115, 96, 109)` looks like.

```
.text, #text, p{  
    color:rgb(115, 96, 109)  
}
```

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(115, 96, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 96, 109) }
```

Border

The CSS property to change the border of an element to XYZ 14.0134, 13.1147, 16.2608 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(115, 96, 109) }
```


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

```
.border{ border-color:rgb(115, 96, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 96, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 96, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 96, 109);  
box-shadow:4px 4px 4px 4px rgb(115, 96,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0134, 13.1147, 16.2608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 96, 109) }
```

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

```
.background{ background-color: rgb(115, 96,  
109) }
```

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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