

Converting Colors

XYZ(13.9817, 15.1108, 13.3093)

Have a look what the booklet for
XYZ(13.9817, 15.1108, 13.3093)
contains.

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Color

**XYZ(14.0104, 15.0968,
13.2419)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6D60
RGB	110, 109, 96
RGB Percent	43%, 43%, 38%
CMY	0.5686, 0.5725, 0.6235
CMYK	0.00, 0.01, 0.13, 0.57
HSL	56°, 7%, 40%
HSV	56°, 13%, 43%
XYZ	14.0104, 15.0968, 13.2419
YIQ	107.8170, 4.7690, -3.8310

Conversions

Conversions Part 2

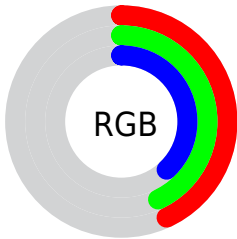
Format	Color
R_{YB}	97, 110, 96
Decimal	7236960
CIE Lab	45.77, -2.11, 7.40
CIE LCh	46, 7.700, 105.914
Yxy	15.0968, 0.3308, 0.3565
Android (android.graphics.Color)	4285427040 (0xFF6E6D60)
YUV	107.8170, -5.8258, 1.9145
Hunter-Lab	38.8546, -3.6311, 6.9918

Details

The XYZ color **14.0104, 15.0968, 13.2419** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.9131, 12.1619, 16.4717**, and the grayscale version is **14.2178, 14.9582, 16.2895**.

A 20% lighter version of the original color is **32.7376, 34.9296, 32.6204**, and **4.2850, 4.6997, 3.6989** is the 20% darker color. If you saturate the color by 10%, you get **13.4559, 14.7422, 10.7309**, and if you desaturate by 10%, it is **14.6374, 15.4825, 16.1272**.

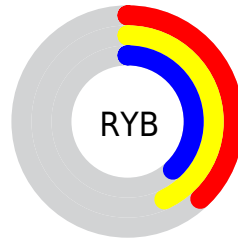
Distribution



Red (43%)

Green (43%)

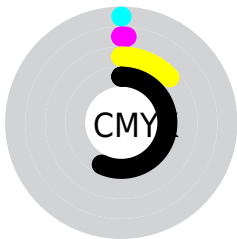
Blue (38%)



Red (38%)

Yellow (43%)

Blue (38%)

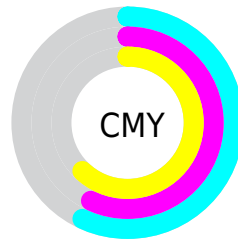


Cyan (0%)

Magenta (1%)

Yellow (13%)

Black (57%)



Cyan (57%)

Magenta (57%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0104, 15.0968, 13.2419 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 14.0104, 15.0968, 13.2419 by changing the saturation by 10% instead.

■ 14.0104, 15.0968,
13.2419

■ 14.0104, 15.0968,
13.2419

210.8048,
223.9514, 223.7242

■ 8.2096, 8.8874,
7.4626

■ 32.6936, 35.0229,
32.4352

■ 4.2823, 4.6678,
3.6703

■ 46.3067, 49.5084,
46.6864

■ 1.8631, 2.0537,
1.4463

■ 63.2547, 67.5213,
64.5986

■ 0.5552, 0.6384,
0.1774

■ 83.9029, 89.4460,
86.5904

■ 0.0000, 0.0000,
0.0000

108.6167,
115.6670, 113.0803

137.7614,

146.5686, 144.4869

171.7023,
182.5353, 181.2287

■ 14.0104, 15.0968,
13.2419

■ 14.0104, 15.0968,
13.2419

■ 13.4559, 14.7422,
10.7309

■ 14.6374, 15.4825,
16.1272

■ 12.9697, 14.4157,
8.5776

■ 15.3383, 15.8986,
19.4002

■ 12.5490, 14.1165,
6.7661

■ 16.1163, 16.3466,
23.0751

■ 12.1906, 13.8435,
5.2784

■ 16.9738, 16.8277,
27.1649

■ 11.8907, 13.5950,
4.0953

■ 17.9132, 17.3427,
31.6821

■ 11.6452, 13.3694,
3.1951

■ 18.9366, 17.8926,
36.6387

■ 11.4495, 13.1650,
2.5538

■ 20.0465, 18.4782,
42.0460

■ 11.2977, 12.9793,
2.1395

■ 21.2447, 19.1004,
47.9153

■ 11.1975, 12.8491,
1.8899

■ 22.5334, 19.7600,
54.2572

Harmonies

Analogous

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



14.6542, 15.0968, 13.2164



14.0104, 15.0968, 13.2419



13.4733, 15.0968, 14.0799

Triad

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



14.0104, 15.0968, 13.2419



13.5002, 15.0968, 19.1342



15.5908, 15.0968, 17.3210

Complementary

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



14.0104, 15.0968, 13.2419



11.9131, 12.1619, 16.4717

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.



15.2620, 15.0968, 19.0454



14.0104, 15.0968, 13.2419



14.0482, 15.0968, 20.1443

Square

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



14.0104, 15.0968, 13.2419



13.1848, 15.0968, 17.4350



14.6931, 15.0968, 20.1106



15.5799, 15.0968, 15.4795

Rectangle

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



14.0104, 15.0968, 13.2419



13.2422, 15.0968, 15.0252



14.6931, 15.0968, 20.1106



15.5159, 15.0968, 17.9363

Sweetspot

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



14.0108, 15.0975, 13.2422



25.5463, 27.0936, 27.5832



12.7790, 12.5472, 13.0986



5.9287, 6.2951, 6.3443



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



14.0108, 15.0975, 13.2422



24.3328, 26.3420, 22.0136



13.4158, 14.9497, 13.2451



3.6225, 3.8775, 3.6308



13.4428, 15.4181, 2.2675



66.6993, 76.2738, 11.2069

Inverse Universe

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



11.9131, 12.1619, 16.4717



19.9527, 20.2124, 28.7570



12.4582, 12.3068, 16.4709



3.2350, 3.3352, 4.2275



3.4738, 1.5379, 17.8354



17.0530, 7.1579, 88.7619

Previews

White Background



This preview shows how the XYZ color 14.0104, 15.0968, 13.2419 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 14.0104, 15.0968, 13.2419 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

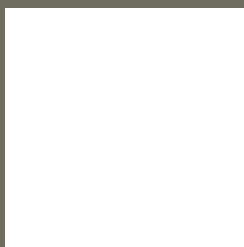
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.0104, 15.0968, 13.2419

Background



This preview shows how black text looks on a background with the XYZ color 14.0104, 15.0968, 13.2419.



This preview shows how white text looks on a background with the XYZ color 14.0104, 15.0968,

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

14.0104, 15.0968, 13.2419

Protanopia

14.2382, 15.0621, 12.9833

Deuteranopia

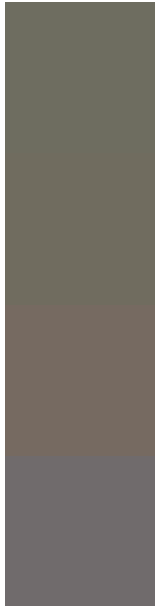
15.2764, 14.9747, 13.3945



Tritanopia

15.0586, 15.0566, 18.3322

Trichromacy



Original Color

14.0104, 15.0968, 13.2419

Protanomaly

14.1102, 14.9961, 12.9773

Deuteranomaly

14.7829, 15.0227, 13.4298

Tritanomaly

14.6466, 15.0428, 16.3190

Monochromacy



Original Color

14.0104, 15.0968, 13.2419

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.1679, 14.9758, 15.2406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0104, 15.0968, 13.2419 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(110, 109, 96)` looks like.

```
.text, #text, p{  
    color:rgb(110, 109, 96)  
}
```

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(110, 109, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 109, 96) }
```

Border

The CSS property to change the border of an element to XYZ 14.0104, 15.0968, 13.2419 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(110, 109, 96) }
```


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

```
.border{ border-color:rgb(110, 109, 96) }
```

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

Here you see how a box with a 4 pixel rgb(110, 109, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 109, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 109, 96);  
box-shadow:4px 4px 4px 4px rgb(110, 109,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0104, 15.0968, 13.2419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 109, 96) }
```

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

```
.background{ background-color: rgb(110,  
109, 96) }
```

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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