

Converting Colors

XYZ(13.3468, 13.2898, 15.4443)

Have a look what the booklet for
XYZ(13.3468, 13.2898, 15.4443)
contains.

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Color

**XYZ(13.3430, 13.3431,
15.5079)**

Conversions

Conversions Part 1

Format	Color
Hex	6C646A
RGB	108, 100, 106
RGB Percent	42%, 39%, 42%
CMY	0.5765, 0.6078, 0.5843
CMYK	0.00, 0.07, 0.02, 0.58
HSL	315°, 4%, 41%
HSV	315°, 7%, 42%
XYZ	13.3430, 13.3431, 15.5079
YIQ	103.0760, 2.8420, 3.5620

Conversions

Conversions Part 2

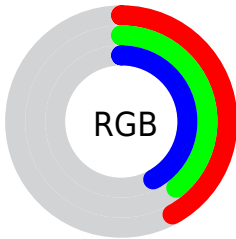
Format	Color
R_{YB}	108, 100, 106
Decimal	7103594
CIE _{Lab}	43.28, 4.36, -2.25
CIE _{LCh}	43, 4.907, 332.748
Yxy	13.3431, 0.3162, 0.3162
Android (android.graphics.Color)	4285293674 (0xFF6C646A)
YUV	103.0760, 1.4415, 4.3183
Hunter-Lab	36.5282, 1.2780, 0.3984

Details

The XYZ color **13.3430, 13.3431, 15.5079** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.0168, 14.3940, 14.6633**, and the grayscale version is **12.9083, 13.5805, 14.7892**.

A 20% lighter version of the original color is **31.4505, 31.9385, 36.4054**, and **3.9870, 3.8541, 4.6714** is the 20% darker color. If you saturate the color by 10%, you get **12.2370, 11.3520, 14.4574**, and if you desaturate by 10%, it is **14.5916, 15.6118, 16.6281**.

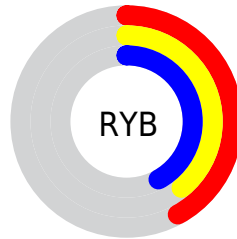
Distribution



Red (42%)

Green (39%)

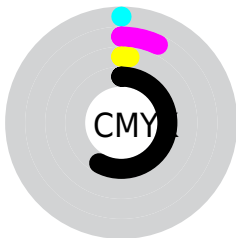
Blue (42%)



Red (42%)

Yellow (39%)

Blue (42%)

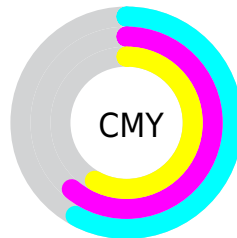


Cyan (0%)

Magenta (7%)

Yellow (2%)

Black (58%)



Cyan (58%)

Magenta (61%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.3430, 13.3431, 15.5079 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 13.3430, 13.3431, 15.5079 by changing the saturation by 10% instead.

■ 13.3430, 13.3431,
15.5079

■ 13.3430, 13.3431,
15.5079

206.6978,
213.1050, 238.1659

■ 7.7438, 7.6652,
9.0260

■ 31.5147, 31.9188,
36.4966

■ 3.9819, 3.8815,
4.6611

■ 44.8180, 45.5854,
51.8405

■ 1.6919, 1.6075,
1.9946

■ 61.4199, 62.6838,
70.9755

■ 0.4512, 0.3626,
0.5520

■ 81.6859, 83.5982,
94.3201

■ 0.0000, 0.0000,
0.0000

105.9814,
108.7132, 122.2930

134.6716,

138.4130, 155.3125

168.1220,
173.0822, 193.7973

■ 13.3430, 13.3431,
15.5079

■ 13.3430, 13.3431,
15.5079

■ 12.2370, 11.3520,
14.4574

■ 14.5916, 15.6118,
16.6281

■ 11.2669, 9.6261,
13.4737

■ 15.9867, 18.1665,
17.8189

■ 10.4274, 8.1545,
12.5549

■ 17.5334, 21.0174,
19.0826

■ 9.7124, 6.9248,
11.6988

■ 19.2366, 24.1738,
20.4207

■ 9.1152, 5.9238,
10.9030

■ 21.1005, 27.6444,
21.8351

■ 8.6283, 5.1370,
10.1648

■ 23.1294, 31.4376,
23.3272

■ 8.2437, 4.5479,
9.4813

■ 25.3275, 35.5616,
24.8986

■ 7.9520, 4.1380,
8.8492

■ 27.6985, 40.0241,
26.5509

■ 7.7263, 3.8536,
8.2592

■ 30.2465, 44.8329,
28.2854

Harmonies

Analogous

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



13.0816, 13.3431, 16.3606



13.3430, 13.3431, 15.5079



13.4262, 13.3431, 14.4283

Triad

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



13.3430, 13.3431, 15.5079



12.6472, 13.3431, 12.5366



12.0775, 13.3431, 15.6901

Complementary

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



13.3430, 13.3431, 15.5079



13.0168, 14.3940, 14.6633

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.



11.9662, 13.3431, 14.6289



13.3430, 13.3431, 15.5079



12.2910, 13.3431, 12.8383

Square

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



13.3430, 13.3431, 15.5079



13.0198, 13.3431, 12.7462



12.0436, 13.3431, 13.5910



12.3505, 13.3431, 16.4694

Rectangle

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



13.3430, 13.3431, 15.5079



13.3681, 13.3431, 13.7341



12.0436, 13.3431, 13.5910



12.0202, 13.3431, 15.3527

Sweetspot

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



13.3434, 13.3437, 15.5082



24.5669, 25.4955, 28.2631



12.7440, 13.0225, 16.0294



5.9551, 6.1871, 6.8488



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.



13.3434, 13.3437, 15.5082



23.0502, 22.7474, 26.8781



13.1402, 13.2624, 14.4383



3.1868, 3.1516, 3.7142



9.1368, 4.5068, 9.6148



46.1956, 22.8202, 47.0944

Inverse Universe

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



13.3434, 13.3437, 15.5082



23.0502, 22.7474, 26.8781



13.2200, 14.4753, 15.7332



3.1868, 3.1516, 3.7142



9.1368, 4.5068, 9.6148



46.1956, 22.8202, 47.0944

Previews

White Background



This preview shows how the XYZ color 13.3430, 13.3431, 15.5079 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 13.3430, 13.3431, 15.5079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

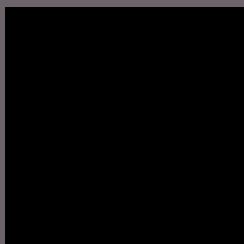
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.3430, 13.3431, 15.5079

Background



This preview shows how black text looks on a background with the XYZ color 13.3430, 13.3431, 15.5079.



This preview shows how white text looks on a background with the XYZ color 13.3430, 13.3431,

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

13.3430, 13.3431, 15.5079

Protanopia

12.9987, 13.4478, 15.8205

Deuteranopia

13.4938, 13.2793, 15.4876



Tritanopia

13.4483, 13.3852, 16.0622

Trichromacy

**Original Color**

13.3430, 13.3431, 15.5079

Protanomaly

13.1332, 13.3722, 15.7988

Deuteranomaly

13.3700, 13.2155, 15.4818

Tritanomaly

13.3954, 13.3640, 15.7834

Monochromacy

**Original Color**

13.3430, 13.3431, 15.5079

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.0758, 13.5055, 15.0144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.3430, 13.3431, 15.5079 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(108, 100, 106)` looks like.

```
.text, #text, p{  
    color:rgb(108, 100, 106)  
}
```

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(108, 100, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 100, 106) }
```

Border

The CSS property to change the border of an element to XYZ 13.3430, 13.3431, 15.5079 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(108, 100, 106) }
```


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

```
.border{ border-color:rgb(108, 100, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 100, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 100, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 100, 106);  
box-shadow:4px 4px 4px 4px rgb(108, 100,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 13.3430, 13.3431, 15.5079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 100, 106) }
```

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

```
.background{ background-color: rgb(108,  
100, 106) }
```

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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