

Converting Colors

XYZ(14.0897, 15.1430, 13.0068)

Have a look what the booklet for
XYZ(14.0897, 15.1430, 13.0068)
contains.

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Color

**XYZ(14.0897, 15.1430,
13.0068)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6D5F
RGB	111, 109, 95
RGB Percent	44%, 43%, 37%
CMY	0.5647, 0.5725, 0.6274
CMYK	0.00, 0.02, 0.14, 0.56
HSL	53°, 8%, 40%
HSV	53°, 14%, 44%
XYZ	14.0897, 15.1430, 13.0068
YIQ	108.0020, 5.6860, -3.9300

Conversions

Conversions Part 2

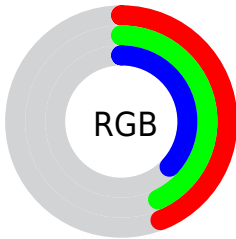
Format	Color
RYB	97, 111, 95
Decimal	7302495
CIELab	45.83, -1.89, 8.10
CIELCh	46, 8.319, 103.096
Yxy	15.1430, 0.3336, 0.3585
Android (android.graphics.Color)	4285492575 (0xFF6F6D5F)
YUV	108.0020, -6.4100, 2.6292
Hunter-Lab	38.9140, -3.4695, 7.4224

Details

The XYZ color **14.0897, 15.1430, 13.0068** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.8632, 12.1297, 16.7549**, and the grayscale version is **14.2710, 15.0142, 16.3505**.

A 20% lighter version of the original color is **32.7859, 34.9725, 31.8104**, and **4.3269, 4.7238, 3.5895** is the 20% darker color. If you saturate the color by 10%, you get **13.4742, 14.6627, 10.4872**, and if you desaturate by 10%, it is **14.7803, 15.6581, 15.9066**.

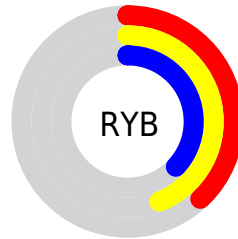
Distribution



Red (44%)

Green (43%)

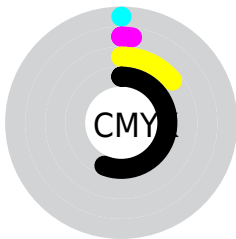
Blue (37%)



Red (38%)

Yellow (44%)

Blue (37%)

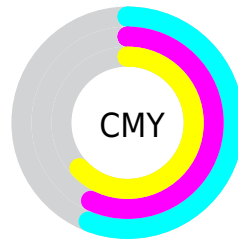


Cyan (0%)

Magenta (2%)

Yellow (14%)

Black (56%)



Cyan (56%)

Magenta (57%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0897, 15.1430, 13.0068 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 14.0897, 15.1430, 13.0068 by changing the saturation by 10% instead.

■ 14.0897, 15.1430,
13.0068

■ 14.0897, 15.1430,
13.0068

211.2876,
224.2301, 222.1706

■ 8.2652, 8.9198,
7.3024

■ 32.8330, 35.1038,
32.0074

■ 4.3183, 4.6889,
3.5707

■ 46.4826, 49.6103,
46.1407

■ 1.8838, 2.0659,
1.3929

■ 63.4712, 67.6466,
63.9207

■ 0.5674, 0.6454,
0.1362

■ 84.1642, 89.5972,
85.7660

■ 0.0000, 0.0000,
0.0000

108.9270,
115.8465, 112.0951

138.1249,

146.7788, 143.3265

172.1234,
182.7785, 179.8788

■ 14.0897, 15.1430,
13.0068

■ 14.0897, 15.1430,
13.0068

■ 13.4742, 14.6627,
10.4872

■ 14.7803, 15.6581,
15.9066

■ 12.9295, 14.2139,
8.3309

■ 15.5475, 16.2071,
19.2005

■ 12.4528, 13.7959,
6.5211

■ 16.3946, 16.7918,
22.9032

■ 12.0406, 13.4075,
5.0394

■ 17.3241, 17.4133,
27.0280

■ 11.6889, 13.0469,
3.8655

■ 18.3384, 18.0724,
31.5880

■ 11.3936, 12.7126,
2.9772

■ 19.4399, 18.7703,
36.5952

■ 11.1498, 12.4024,
2.3490

■ 20.6308, 19.5078,
42.0617

■ 10.9496, 12.1133,
1.9391

■ 21.9134, 20.2857,
47.9987

■ 10.8437, 11.9557,
1.7362

■ 23.2896, 21.1050,
54.4173

Harmonies

Analogous

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



14.7885, 15.1430, 13.0636



14.0897, 15.1430, 13.0068



13.4915, 15.1430, 13.8269

Triad

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



14.0897, 15.1430, 13.0068



13.4310, 15.1430, 19.2688



15.7215, 15.1430, 17.6363

Complementary

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



14.0897, 15.1430, 13.0068



11.8632, 12.1297, 16.7549

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.



15.3337, 15.1430, 19.4707



14.0897, 15.1430, 13.0068



14.0046, 15.1430, 20.4643

Square

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



14.0897, 15.1430, 13.0068



13.1196, 15.1430, 17.3784



14.7006, 15.1430, 20.5411



15.7461, 15.1430, 15.6288

Rectangle

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



14.0897, 15.1430, 13.0068



13.2241, 15.1430, 14.8024



14.7006, 15.1430, 20.5411



15.6288, 15.1430, 18.2973

Sweetspot

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



14.0901, 15.1437, 13.0071



26.5064, 28.0675, 28.6525



12.8118, 12.4297, 13.0660



6.3484, 6.7288, 6.8004



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



14.0901, 15.1437, 13.0071



24.8806, 26.8485, 21.8447



13.5915, 15.2065, 13.0455



3.6081, 3.8487, 3.6260



12.7654, 14.0632, 2.0417



63.1594, 69.1939, 10.0269

Inverse Universe

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



11.8632, 12.1297, 16.7549



20.1459, 20.4406, 29.8134



12.3135, 12.0914, 16.7238



3.2481, 3.3614, 4.2318



3.5513, 1.6929, 17.8612



17.3293, 7.7104, 88.8540

Previews

White Background



This preview shows how the XYZ color 14.0897, 15.1430, 13.0068 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 14.0897, 15.1430, 13.0068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

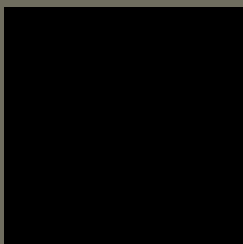
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

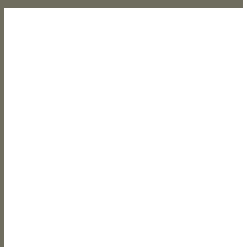
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.0897, 15.1430, 13.0068

Background



This preview shows how black text looks on a background with the XYZ color 14.0897, 15.1430, 13.0068.



This preview shows how white text looks on a background with the XYZ color 14.0897, 15.1430,

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

14.0897, 15.1430, 13.0068

Protanopia

14.3676, 15.1288, 12.9894

Deuteranopia

15.4751, 15.2328, 13.1909



Tritanopia

15.1880, 15.1233, 18.3382

Trichromacy



Original Color

14.0897, 15.1430, 13.0068

Protanomaly

14.2382, 15.0621, 12.9833

Deuteranomaly

14.8731, 15.0745, 13.1921

Tritanomaly

14.7745, 15.1088, 16.3249

Monochromacy



Original Color

14.0897, 15.1430, 13.0068

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.1174, 14.9556, 14.9746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0897, 15.1430, 13.0068 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(111, 109, 95)` looks like.

```
.text, #text, p{  
    color:rgb(111, 109, 95)  
}
```

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(111, 109, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 109, 95) }
```

Border

The CSS property to change the border of an element to XYZ 14.0897, 15.1430, 13.0068 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(111, 109, 95) }
```


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

```
.border{ border-color:rgb(111, 109, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 109, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 109, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 109, 95);  
box-shadow:4px 4px 4px 4px rgb(111, 109,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0897, 15.1430, 13.0068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 109, 95) }
```

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

```
.background{ background-color: rgb(111,  
109, 95) }
```

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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