

Converting Colors

XYZ(13.0167, 13.1393, 14.5449)

Have a look what the booklet for
XYZ(13.0167, 13.1393, 14.5449)
contains.

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Color

**XYZ(13.0188, 13.1995,
14.4320)**

Conversions

Conversions Part 1

Format	Color
Hex	6B6466
RGB	107, 100, 102
RGB Percent	42%, 39%, 40%
CMY	0.5804, 0.6078, 0.6000
CMYK	0.00, 0.07, 0.05, 0.58
HSL	343°, 3%, 41%
HSV	343°, 7%, 42%
XYZ	13.0188, 13.1995, 14.4320
YIQ	102.3210, 3.5300, 2.1060

Conversions

Conversions Part 2

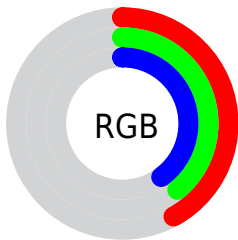
Format	Color
R_{YB}	107, 100, 102
Decimal	7038054
CIE Lab	43.06, 3.16, -0.14
CIE LCh	43, 3.164, 357.437
Yxy	13.1995, 0.3203, 0.3247
Android (android.graphics.Color)	4285228134 (0xFF6B6466)
YUV	102.3210, -0.1583, 4.1035
Hunter-Lab	36.3311, 0.3838, 1.8797

Details

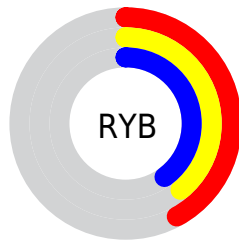
The XYZ color **13.0188, 13.1995, 14.4320** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.0635, 14.2448, 15.4262**, and the grayscale version is **12.7134, 13.3755, 14.5659**.

A 20% lighter version of the original color is **30.9169, 31.7022, 34.6266**, and **3.8262, 3.7827, 4.1429** is the 20% darker color. If you saturate the color by 10%, you get **11.6974, 11.1357, 12.2065**, and if you desaturate by 10%, it is **14.5107, 15.5481, 16.8872**.

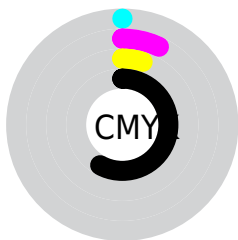
Distribution



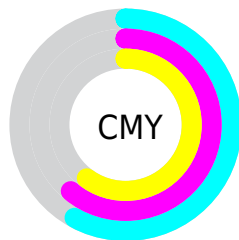
- Red (42%)
- Green (39%)
- Blue (40%)



- Red (42%)
- Yellow (39%)
- Blue (40%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (58%)



- Cyan (58%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.0188, 13.1995, 14.4320 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 13.0188, 13.1995, 14.4320 by changing the saturation by 10% instead.

■ 13.0188, 13.1995,
14.4320

■ 13.0188, 13.1995,
14.4320

204.6733,
212.1923, 231.4231

■ 7.5186, 7.5661,
8.2796

■ 30.9386, 31.6617,
34.5817

■ 3.8377, 3.8186,
4.1840

■ 44.0889, 45.2593,
49.4160

■ 1.6107, 1.5726,
1.7268

■ 60.5199, 62.2804,
67.9814

■ 0.3994, 0.3390,
0.3790

■ 80.5970, 83.1094,
90.6964

■ 0.0000, 0.0000,
0.0000

104.6855,
108.1307, 117.9796

133.1508,

137.7287, 150.2494

166.3583,
172.2878, 187.9244

■ 13.0188, 13.1995,
14.4320

■ 13.0188, 13.1995,
14.4320

■ 11.6974, 11.1357,
12.2065

■ 14.5107, 15.5481,
16.8872

■ 10.5393, 9.3441,
10.2032

■ 16.1779, 18.1899,
19.5777

■ 9.5383, 7.8138,
8.4152

■ 18.0262, 21.1353,
22.5099

■ 8.6875, 6.5325,
6.8354

■ 20.0610, 24.3935,
25.6898

■ 7.9792, 5.4870,
5.4557

■ 22.2874, 27.9734,
29.1229

■ 7.4053, 4.6625,
4.2679

■ 24.7103, 31.8835,
32.8150

■ 6.9568, 4.0429,
3.2629

■ 27.3343, 36.1319,
36.7712

■ 6.6234, 3.6098,
2.4310

■ 30.1640, 40.7267,
40.9969

■ 6.3808, 3.3171,
1.7573

■ 33.2038, 45.6753,
45.4970

Harmonies

Analogous

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



12.9441, 13.1995, 15.1051



13.0188, 13.1995, 14.4320



12.9654, 13.1995, 13.7636

Triad

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



13.0188, 13.1995, 14.4320



12.3315, 13.1995, 13.2157



12.2957, 13.1995, 15.5308

Complementary

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



13.0188, 13.1995, 14.4320



13.0635, 14.2448, 15.4262

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.



12.1352, 13.1995, 14.9981



13.0188, 13.1995, 14.4320



12.1557, 13.1995, 13.6630

Square

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



13.0188, 13.1995, 14.4320



12.5667, 13.1995, 13.0750



12.0843, 13.1995, 14.3122



12.5248, 13.1995, 15.7521

Rectangle

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



13.0188, 13.1995, 14.4320



12.8648, 13.1995, 13.4078



12.0843, 13.1995, 14.3122



12.2320, 13.1995, 15.3813

Sweetspot

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



13.0192, 13.2001, 14.4323



24.4717, 25.4574, 27.7622



13.0254, 13.1737, 15.7661



5.9339, 6.1786, 6.7372



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.



13.0192, 13.2001, 14.4323



22.8925, 22.9780, 25.1423



13.0566, 13.4317, 13.9618



3.1320, 3.1297, 3.4255



7.6579, 3.9153, 1.8273



38.6886, 19.8174, 7.5630

Inverse Universe

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



13.0192, 13.2001, 14.4323



22.8925, 22.9780, 25.1423



13.0227, 13.9969, 15.9252



3.1320, 3.1297, 3.4255



7.6579, 3.9153, 1.8273



38.6886, 19.8174, 7.5630

Previews

White Background



This preview shows how the XYZ color 13.0188, 13.1995, 14.4320 looks on a white background.

Color Contrast Check

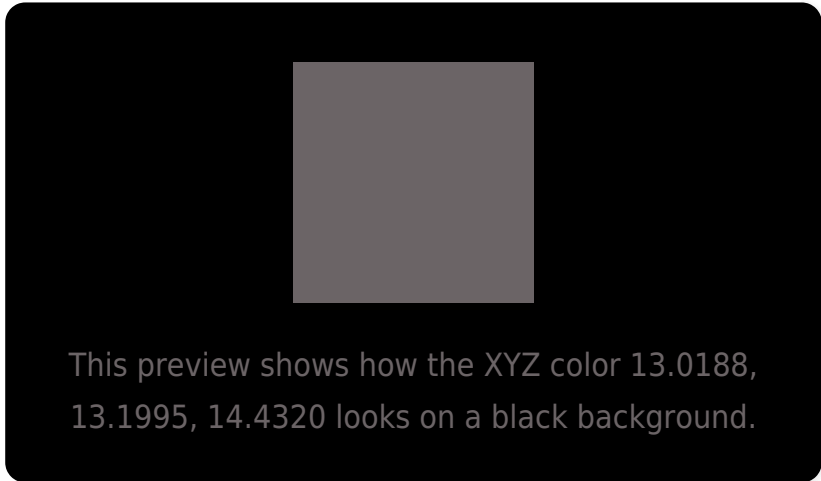
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 13.0188, 13.1995, 14.4320

Background



This preview shows how black text looks on a background with the XYZ color 13.0188, 13.1995, 14.4320.

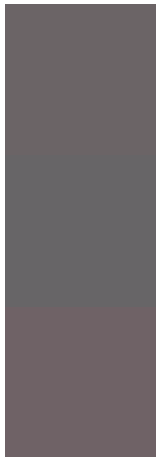


This preview shows how white text looks on a background with the XYZ color 13.0188, 13.1995,

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

13.0188, 13.1995, 14.4320

Protanopia

12.6954, 13.1702, 14.7049

Deuteranopia

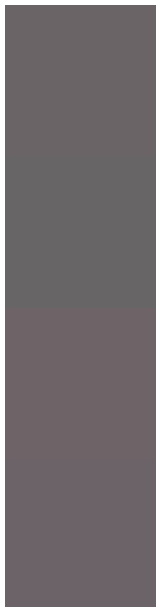
13.3215, 13.0742, 14.3918



Tritanopia

13.3000, 13.1734, 15.7516

Trichromacy



Original Color

13.0188, 13.1995, 14.4320

Protanomaly

12.8108, 13.2297, 14.7103

Deuteranomaly

13.2905, 13.1980, 14.4174

Tritanomaly

13.1960, 13.1317, 15.2038

Monochromacy



Original Color

13.0188, 13.1995, 14.4320

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

12.7609, 13.2097, 14.4475

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.0188, 13.1995, 14.4320 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(107, 100, 102)` looks like.

```
.text, #text, p{  
    color:rgb(107, 100, 102)  
}
```

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(107, 100, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 100, 102) }
```

Border

The CSS property to change the border of an element to XYZ 13.0188, 13.1995, 14.4320 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(107, 100, 102) }
```


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

```
.border{ border-color:rgb(107, 100, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 100, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 100, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 100, 102);  
box-shadow:4px 4px 4px 4px rgb(107, 100,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 13.0188, 13.1995, 14.4320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 100, 102) }
```

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

```
.background{ background-color: rgb(107,  
100, 102) }
```

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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