

Converting Colors

XYZ(13.9094, 13.8279, 14.5210)

Have a look what the booklet for
XYZ(13.9094, 13.8279, 14.5210)
contains.

XYZ(13.8620, 13.7774, 14.4991)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(13.8620, 13.7774,
14.4991)**

Conversions

Conversions Part 1

Format	Color
Hex	716566
RGB	113, 101, 102
RGB Percent	44%, 40%, 40%
CMY	0.5569, 0.6039, 0.6000
CMYK	0.00, 0.11, 0.10, 0.56
HSL	355°, 6%, 42%
HSV	355°, 11%, 44%
XYZ	13.8620, 13.7774, 14.4991
YIQ	104.7020, 6.8310, 2.8550

Conversions

Conversions Part 2

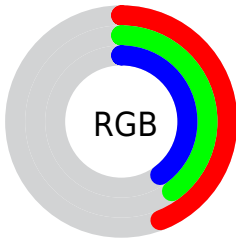
Format	Color
R_{YB}	113, 101, 102
Decimal	7431526
CIE Lab	43.91, 4.95, 1.17
CIE LCh	44, 5.082, 13.260
Yxy	13.7774, 0.3290, 0.3270
Android (android.graphics.Color)	4285621606 (0xFF716566)
YUV	104.7020, -1.3321, 7.2773
Hunter-Lab	37.1179, 1.7060, 2.8225

Details

The XYZ color **13.8620, 13.7774, 14.4991** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.1971, 15.7471, 17.6212**, and the grayscale version is **13.3492, 14.0444, 15.2944**.

A 20% lighter version of the original color is **32.4951, 32.7557, 34.7468**, and **4.1887, 4.0380, 4.1731** is the 20% darker color. If you saturate the color by 10%, you get **12.3573, 11.5395, 11.6191**, and if you desaturate by 10%, it is **15.5825, 16.3440, 17.7683**.

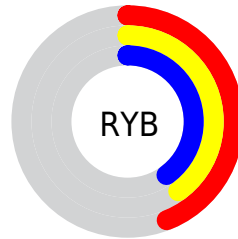
Distribution



Red (44%)

Green (40%)

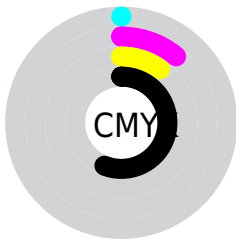
Blue (40%)



Red (44%)

Yellow (40%)

Blue (40%)

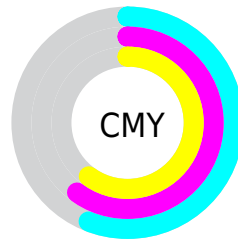


Cyan (0%)

Magenta (11%)

Yellow (10%)

Black (56%)



Cyan (56%)

Magenta (60%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8620, 13.7774, 14.4991 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 13.8620, 13.7774, 14.4991 by changing the saturation by 10% instead.

■ 13.8620, 13.7774,
14.4991

■ 13.8620, 13.7774,
14.4991

209.8985,
215.8416, 231.8494

■ 8.1058, 7.9660,
8.3259

■ 32.4323, 32.6935,
34.7018

■ 4.2151, 4.0732,
4.2134

■ 45.9771, 46.5671,
49.5684

■ 1.8245, 1.7146,
1.7432

■ 62.8488, 63.8968,
68.1699

■ 0.5324, 0.4331,
0.3901

■ 83.4128, 85.0670,
90.9248

■ 0.0000, 0.0000,
0.0000

108.0344,
110.4622, 118.2516

137.0789,

140.4668, 150.5690

170.9119,
175.4651, 188.2954

■ 13.8620, 13.7774,
14.4991

■ 13.8620, 13.7774,
14.4991

■ 12.3573, 11.5395,
11.6191

■ 15.5825, 16.3440,
17.7683

■ 11.0590, 9.6152,
9.1129

■ 17.5258, 19.2498,
21.4394

■ 9.9582, 7.9912,
6.9654

■ 19.6998, 22.5074,
25.5259

■ 9.0452, 6.6522,
5.1603

■ 22.1118, 26.1278,
30.0401

■ 8.3097, 5.5818,
3.6797

■ 24.7686, 30.1218,
34.9940

■ 7.7399, 4.7619,
2.5044

■ 27.6770, 34.4997,
40.3991

■ 7.3229, 4.1719,
1.6130

■ 30.8432, 39.2714,
46.2663

■ 7.0438, 3.7885,
0.9815

■ 34.2735, 44.4463,
52.6064

■ 6.8616, 3.5313,
0.5899

■ 37.9738, 50.0337,
59.4296

Harmonies

Analogous

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



13.8494, 13.7774, 15.6480



13.8620, 13.7774, 14.4991



13.6661, 13.7774, 13.5345

Triad

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



13.8620, 13.7774, 14.4991



12.5723, 13.7774, 13.4459



12.8736, 13.7774, 17.2230

Complementary

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



13.8620, 13.7774, 14.4991



14.1971, 15.7471, 17.6212

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.



12.5400, 13.7774, 16.5703



13.8620, 13.7774, 14.4991



12.3685, 13.7774, 14.3725

Square

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



13.8620, 13.7774, 14.4991



12.9185, 13.7774, 12.9477



12.3568, 13.7774, 15.5149



13.2731, 13.7774, 17.2612

Rectangle

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



13.8620, 13.7774, 14.4991



13.4459, 13.7774, 13.1095



12.3568, 13.7774, 15.5149



12.7502, 13.7774, 17.0667

Sweetspot

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



13.8624, 13.7780, 14.4994



27.1080, 28.0793, 30.3094



14.3168, 13.9450, 17.5600



6.2179, 6.4173, 6.9123



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.



13.8624, 13.7780, 14.4994



24.0495, 23.5201, 24.4873



14.3134, 14.7588, 14.4070



3.3947, 3.4056, 3.6054



7.7796, 4.0042, 0.6491



38.6128, 19.8904, 2.4930

Inverse Universe

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



13.8624, 13.7780, 14.4994



24.0495, 23.5201, 24.4873



13.7105, 14.6846, 17.7347



3.3947, 3.4056, 3.6054



7.7796, 4.0042, 0.6491



38.6128, 19.8904, 2.4930

Previews

White Background



This preview shows how the XYZ color 13.8620, 13.7774, 14.4991 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 13.8620, 13.7774, 14.4991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

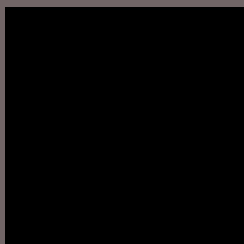
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.8620, 13.7774, 14.4991

Background



This preview shows how black text looks on a background with the XYZ color 13.8620, 13.7774, 14.4991.



This preview shows how white text looks on a background with the XYZ color 13.8620, 13.7774,

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

13.8620, 13.7774, 14.4991

Protanopia

13.2423, 13.7439, 14.7869

Deuteranopia

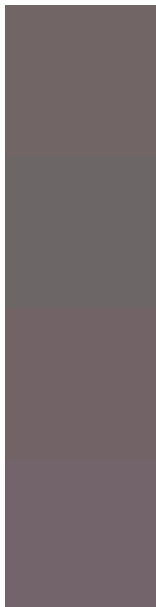
13.8949, 13.6511, 14.4730



Tritanopia

14.2034, 13.7745, 16.0975

Trichromacy



Original Color

13.8620, 13.7774, 14.4991

Protanomaly

13.5062, 13.7332, 14.7709

Deuteranomaly

13.8949, 13.6511, 14.4730

Tritanomaly

14.0981, 13.7324, 15.5432

Monochromacy



Original Color

13.8620, 13.7774, 14.4991

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.6333, 14.0883, 15.0975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8620, 13.7774, 14.4991 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(113, 101, 102)` looks like.

```
.text, #text, p{  
    color:rgb(113, 101, 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(113, 101, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 101, 102) }
```

Border

The CSS property to change the border of an element to XYZ 13.8620, 13.7774, 14.4991 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(113, 101, 102) }
```


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

```
.border{ border-color:rgb(113, 101, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 101, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 101, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 101, 102);  
box-shadow:4px 4px 4px 4px rgb(113, 101,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8620, 13.7774, 14.4991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 101, 102) }
```

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

```
.background{ background-color: rgb(113,  
101, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor