

Converting Colors

XYZ(13.7603, 13.3644, 14.7338)

Have a look what the booklet for
XYZ(13.7603, 13.3644, 14.7338)
contains.

XYZ(13.8495, 13.4804, 14.7040)	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(13.8495, 13.4804,
14.7040)**

Conversions

Conversions Part 1

Format	Color
Hex	726367
RGB	114, 99, 103
RGB Percent	45%, 39%, 40%
CMY	0.5529, 0.6118, 0.5961
CMYK	0.00, 0.13, 0.10, 0.55
HSL	344°, 7%, 42%
HSV	344°, 13%, 45%
XYZ	13.8495, 13.4804, 14.7040
YIQ	103.9410, 7.6560, 4.4240

Conversions

Conversions Part 2

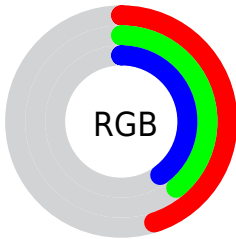
Format	Color
R _Y B	114, 99, 103
Decimal	7496551
CIE Lab	43.48, 6.74, -0.06
CIE LCh	43, 6.737, 359.483
Yxy	13.4804, 0.3295, 0.3207
Android (android.graphics.Color)	4285686631 (0xFF726367)
YUV	103.9410, -0.4639, 8.8217
Hunter-Lab	36.7157, 3.0795, 1.9563

Details

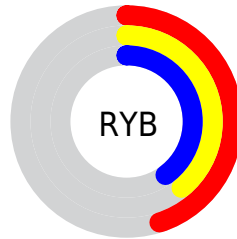
The XYZ color **13.8495, 13.4804, 14.7040** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.9780, 15.8135, 17.0683**, and the grayscale version is **13.1424, 13.8269, 15.0575**.

A 20% lighter version of the original color is **32.4650, 32.2528, 35.0862**, and **4.1886, 3.8998, 4.2733** is the 20% darker color. If you saturate the color by 10%, you get **12.4460, 11.3116, 12.2681**, and if you desaturate by 10%, it is **15.4483, 15.9722, 17.4124**.

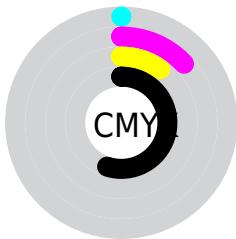
Distribution



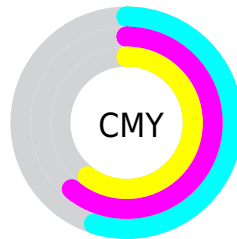
- Red (45%)
- Green (39%)
- Blue (40%)



- Red (45%)
- Yellow (39%)
- Blue (40%)



- Cyan (0%)
- Magenta (13%)
- Yellow (10%)
- Black (55%)



- Cyan (55%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8495, 13.4804, 14.7040 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 13.8495, 13.4804, 14.7040 by changing the saturation by 10% instead.

■ 13.8495, 13.4804,
14.7040

■ 13.8495, 13.4804,
14.7040

209.8219,
213.9740, 233.1463

■ 8.0971, 7.7602,
8.4676

■ 32.4103, 32.1642,
35.0680

■ 4.2094, 3.9419,
4.3036

■ 45.9493, 45.8965,
50.0327

■ 1.8213, 1.6411,
1.7933

■ 62.8145, 63.0684,
68.7439

■ 0.5305, 0.3851,
0.4235

■ 83.3714, 84.0641,
91.6201

■ 0.0000, 0.0000,
0.0000

107.9852,
109.2682, 119.0799

137.0214,

139.0649, 151.5418

170.8451,
173.8387, 189.4245

■ 13.8495, 13.4804,
14.7040

■ 13.8495, 13.4804,
14.7040

■ 12.4460, 11.3116,
12.2681

■ 15.4483, 15.9722,
17.4124

■ 11.2289, 9.4507,
10.0953

■ 17.2483, 18.7976,
20.4006

■ 10.1907, 7.8843,
8.1768

■ 19.2568, 21.9690,
23.6768

■ 9.3226, 6.5971,
6.5031

■ 21.4801, 25.4975,
27.2485

■ 8.6151, 5.5726,
5.0639

■ 23.9246, 29.3939,
31.1229

■ 8.0580, 4.7923,
3.8483

■ 26.5960, 33.6685,
35.3070

■ 7.6394, 4.2355,
2.8445

■ 29.5002, 38.3309,
39.8075

■ 7.3444, 3.8749,
2.0387

■ 32.6425, 43.3908,
44.6311

■ 7.1789, 3.6732,
1.5850

■ 36.0285, 48.8573,
49.7841

Harmonies

Analogous

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



13.7027, 13.4804, 16.1963



13.8495, 13.4804, 14.7040



13.7122, 13.4804, 13.2997

Triad

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



13.8495, 13.4804, 14.7040



12.3220, 13.4804, 12.3010



12.3066, 13.4804, 17.3136

Complementary

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



13.8495, 13.4804, 14.7040



13.9780, 15.8135, 17.0683

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.



11.9534, 13.4804, 16.1481



13.8495, 13.4804, 14.7040



11.9621, 13.4804, 13.2574

Square

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



13.8495, 13.4804, 14.7040



12.8218, 13.4804, 11.9711



11.8290, 13.4804, 14.6518



12.8036, 13.4804, 17.7646

Rectangle

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



13.8495, 13.4804, 14.7040



13.4802, 13.4804, 12.5868



11.8290, 13.4804, 14.6518



12.1676, 13.4804, 16.9886

Sweetspot

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



13.8499, 13.4810, 14.7043



26.8658, 27.6280, 30.1267



13.9300, 13.4543, 17.7826



6.1712, 6.3238, 6.8967



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.



13.8499, 13.4810, 14.7043



23.4978, 22.3875, 24.3937



13.9927, 14.0802, 13.7854



3.4177, 3.4148, 3.7261



7.9849, 4.0863, 1.7306



39.4627, 20.2304, 6.9688

Inverse Universe

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



13.8499, 13.4810, 14.7043



23.4978, 22.3875, 24.3937



13.8134, 15.1281, 18.1118



3.4177, 3.4148, 3.7261



7.9849, 4.0863, 1.7306



39.4627, 20.2304, 6.9688

Previews

White Background



This preview shows how the XYZ color 13.8495, 13.4804, 14.7040 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 13.8495, 13.4804, 14.7040 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 13.8495, 13.4804, 14.7040

Background



This preview shows how black text looks on a background with the XYZ color 13.8495, 13.4804, 14.7040.



This preview shows how white text looks on a background with the XYZ color 13.8495, 13.4804,

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

13.8495, 13.4804, 14.7040

Protanopia

13.0101, 13.4657, 15.2780

Deuteranopia

13.8154, 13.6043, 14.7297



Tritanopia

13.9086, 13.3534, 15.4801

Trichromacy



Original Color

13.8495, 13.4804, 14.7040

Protanomaly

13.3367, 13.4950, 14.9986

Deuteranomaly

13.8154, 13.6043, 14.7297

Tritanomaly

13.8569, 13.3327, 15.2077

Monochromacy



Original Color

13.8495, 13.4804, 14.7040

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.4344, 13.6904, 15.0311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8495, 13.4804, 14.7040 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(114, 99, 103) looks like.

```
.text, #text, p{  
    color:rgb(114, 99, 103)  
}
```

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(114, 99, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 99, 103) }
```

Border

The CSS property to change the border of an element to XYZ 13.8495, 13.4804, 14.7040 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(114, 99, 103) }
```


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

```
.border{ border-color:rgb(114, 99, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 99, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 99, 103); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 99, 103); box-shadow:4px 4px 4px 4px rgb(114, 99, 103) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8495, 13.4804, 14.7040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 99, 103) }
```

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

```
.background{ background-color: rgb(114, 99,  
103) }
```

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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