

Converting Colors

XYZ(14.2761, 14.8457, 13.3123)

Have a look what the booklet for
XYZ(14.2761, 14.8457, 13.3123)
contains.

XYZ(14.3548, 14.9559, 13.4395)	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(14.3548, 14.9559,
13.4395)**

Conversions

Conversions Part 1

Format	Color
Hex	726B61
RGB	114, 107, 97
RGB Percent	45%, 42%, 38%
CMY	0.5529, 0.5804, 0.6196
CMYK	0.00, 0.06, 0.15, 0.55
HSL	35°, 8%, 41%
HSV	35°, 15%, 45%
XYZ	14.3548, 14.9559, 13.4395
YIQ	107.9530, 7.3820, -1.6260

Conversions

Conversions Part 2

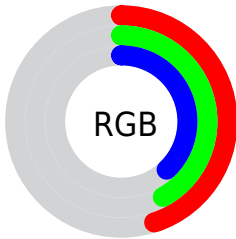
Format	Color
R_{YB}	109, 114, 97
Decimal	7498593
CIE Lab	45.57, 0.87, 6.58
CIE LCh	46, 6.639, 82.501
Yxy	14.9559, 0.3358, 0.3498
Android (android.graphics.Color)	4285688673 (0xFF726B61)
YUV	107.9530, -5.3998, 5.3032
Hunter-Lab	38.6729, -1.4209, 6.4667

Details

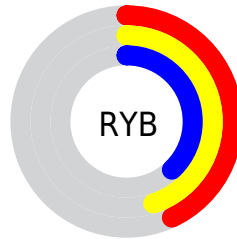
The XYZ color **14.3548, 14.9559, 13.4395** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.9173, 13.6566, 17.8748**, and the grayscale version is **14.2543, 14.9966, 16.3313**.

A 20% lighter version of the original color is **33.2980, 34.6988, 32.9595**, and **4.4602, 4.6290, 3.7904** is the 20% darker color. If you saturate the color by 10%, you get **13.3851, 13.8068, 10.6796**, and if you desaturate by 10%, it is **15.4283, 16.1900, 16.6113**.

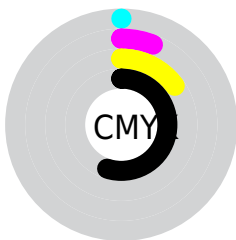
Distribution



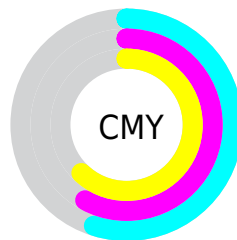
- Red (45%)
- Green (42%)
- Blue (38%)



- Red (43%)
- Yellow (45%)
- Blue (38%)



- Cyan (0%)
- Magenta (6%)
- Yellow (15%)
- Black (55%)



- Cyan (55%)
- Magenta (58%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3548, 14.9559, 13.4395 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 14.3548, 14.9559, 13.4395 by changing the saturation by 10% instead.

■ 14.3548, 14.9559,
13.4395

■ 14.3548, 14.9559,
13.4395

212.8937,
223.0991, 225.0213

■ 8.4512, 8.7884,
7.5976

■ 33.2983, 34.7758,
32.7938

■ 4.4392, 4.6034,
3.7545

■ 47.0689, 49.1970,
47.1433

■ 1.9535, 2.0165,
1.4917

■ 64.1925, 67.1383,
65.1658

■ 0.6076, 0.6170,
0.2117

■ 85.0345, 88.9840,
87.2798

■ 0.0000, 0.0000,
0.0000

109.9603,
115.1186, 113.9038

139.3352,

145.9263, 145.4563

173.5246,
181.7917, 182.3560

■ 14.3548, 14.9559,
13.4395

■ 14.3548, 14.9559,
13.4395

■ 13.3851, 13.8068,
10.6796

■ 15.4283, 16.1900,
16.6113

■ 12.5143, 12.7387,
8.3134

■ 16.6078, 17.5091,
20.2103

■ 11.7390, 11.7498,
6.3227

■ 17.8970, 18.9159,
24.2521

■ 11.0548, 10.8379,
4.6878

■ 19.2990, 20.4122,
28.7512

■ 10.4573, 10.0003,
3.3867

■ 20.8169, 21.9998,
33.7216

■ 9.9414, 9.2344,
2.3951

■ 22.4535, 23.6806,
39.1764

■ 9.5015, 8.5370,
1.6856

■ 24.2116, 25.4562,
45.1286

■ 9.1280, 7.9037,
1.2110

■ 26.0939, 27.3281,
51.5903

■ 8.9512, 7.6008,
0.9953

■ 28.1029, 29.2982,
58.5735

Harmonies

Analogous

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



14.8744, 14.9559, 13.9790



14.3548, 14.9559, 13.4395



13.8108, 14.9559, 13.6220

Triad

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



14.3548, 14.9559, 13.4395



13.2522, 14.9559, 17.4818



15.0783, 14.9559, 18.2158

Complementary

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



14.3548, 14.9559, 13.4395



12.9173, 13.6566, 17.8748

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.



14.6273, 14.9559, 19.2730



14.3548, 14.9559, 13.4395



13.5756, 14.9559, 18.8304

Square

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



14.3548, 14.9559, 13.4395



13.1836, 14.9559, 15.8890



14.0764, 14.9559, 19.5049



15.2992, 14.9559, 16.6864

Rectangle

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



14.3548, 14.9559, 13.4395



13.5066, 14.9559, 14.1344



14.0764, 14.9559, 19.5049



14.9481, 14.9559, 18.6422

Sweetspot

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



14.3552, 14.9566, 13.4398



27.2725, 28.6323, 29.6741



13.7172, 13.1282, 14.9301



6.2788, 6.5895, 6.7772



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.



14.3552, 14.9566, 13.4398



24.6004, 25.5487, 21.8135



14.9317, 16.3809, 13.6844



3.5323, 3.6971, 3.6008



9.9477, 8.4278, 1.1024



48.6891, 40.2534, 5.2035

Inverse Universe

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



12.9173, 13.6566, 17.8748



21.5449, 22.7866, 31.2382



12.3943, 12.3845, 17.6569



3.3199, 3.5051, 4.2558



4.4933, 3.5769, 18.1752



21.5755, 16.2029, 90.2695

Previews

White Background



This preview shows how the XYZ color 14.3548, 14.9559, 13.4395 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 14.3548, 14.9559, 13.4395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

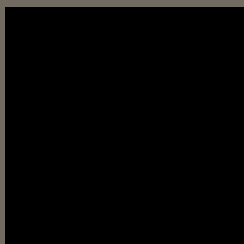
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

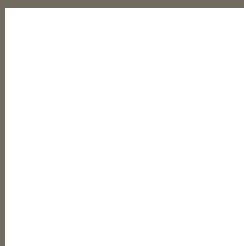
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.3548, 14.9559, 13.4395

Background



This preview shows how black text looks on a background with the XYZ color 14.3548, 14.9559, 13.4395.



This preview shows how white text looks on a background with the XYZ color 14.3548, 14.9559,

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

14.3548, 14.9559, 13.4395

Protanopia

14.2023, 15.0329, 13.4624

Deuteranopia

15.1810, 14.9200, 13.6350



Tritanopia

15.2347, 15.0084, 17.7167

Trichromacy



Original Color

14.3548, 14.9559, 13.4395

Protanomaly

14.3303, 15.0989, 13.4684

Deuteranomaly

14.8639, 14.9069, 13.6492

Tritanomaly

14.8781, 15.0144, 16.0238

Monochromacy



Original Color

14.3548, 14.9559, 13.4395

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.2917, 15.0396, 15.2464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3548, 14.9559, 13.4395 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, 107, 97)` looks like.

```
.text, #text, p{  
    color:rgb(114, 107, 97)  
}
```

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, 107, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 107, 97) }
```

Border

The CSS property to change the border of an element to XYZ 14.3548, 14.9559, 13.4395 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, 107, 97) }
```


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

```
.border{ border-color:rgb(114, 107, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 107, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 107, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 107, 97);  
box-shadow:4px 4px 4px 4px rgb(114, 107,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3548, 14.9559, 13.4395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 107, 97) }
```

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

```
.background{ background-color: rgb(114,  
107, 97) }
```

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