

Converting Colors

XYZ(13.8527, 13.4589, 14.4377)

Have a look what the booklet for
XYZ(13.8527, 13.4589, 14.4377)
contains.

XYZ(13.9303, 13.5278, 14.4473)	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(13.9303, 13.5278,
14.4473)**

Conversions

Conversions Part 1

Format	Color
Hex	736366
RGB	115, 99, 102
RGB Percent	45%, 39%, 40%
CMY	0.5490, 0.6118, 0.6000
CMYK	0.00, 0.14, 0.11, 0.55
HSL	349°, 7%, 42%
HSV	349°, 14%, 45%
XYZ	13.9303, 13.5278, 14.4473
YIQ	104.1260, 8.5730, 4.3250

Conversions

Conversions Part 2

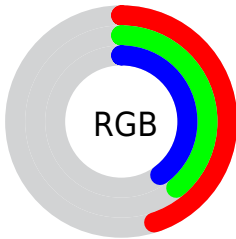
Format	Color
R_{YB}	115, 99, 102
Decimal	7562086
CIE Lab	43.55, 6.95, 0.66
CIE LCh	44, 6.978, 5.426
Yxy	13.5278, 0.3324, 0.3228
Android (android.graphics.Color)	4285752166 (0xFF736366)
YUV	104.1260, -1.0481, 9.5365
Hunter-Lab	36.7802, 3.2407, 2.4569

Details

The XYZ color **13.9303, 13.5278, 14.4473** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.2014, 16.0842, 17.6860**, and the grayscale version is **13.1932, 13.8803, 15.1156**.

A 20% lighter version of the original color is **32.5925, 32.3281, 34.6591**, and **4.2323, 3.9251, 4.1490** is the 20% darker color. If you saturate the color by 10%, you get **12.4799, 11.3272, 11.8048**, and if you desaturate by 10%, it is **15.5889, 16.0609, 17.4173**.

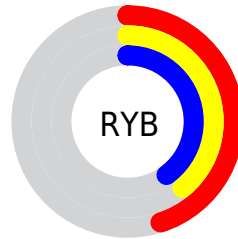
Distribution



Red (45%)

Green (39%)

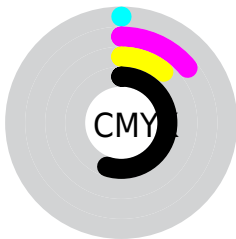
Blue (40%)



Red (45%)

Yellow (39%)

Blue (40%)

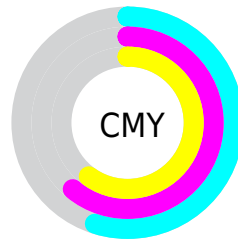


Cyan (0%)

Magenta (14%)

Yellow (11%)

Black (55%)



Cyan (55%)

Magenta (61%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9303, 13.5278, 14.4473 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 13.9303, 13.5278, 14.4473 by changing the saturation by 10% instead.

■ 13.9303, 13.5278,
14.4473

■ 13.9303, 13.5278,
14.4473

210.3161,
214.2731, 231.5204

■ 8.1536, 7.7930,
8.2901

■ 32.5526, 32.2488,
34.6091

■ 4.2460, 3.9628,
4.1907

■ 46.1289, 46.0038,
49.4508

■ 1.8422, 1.6528,
1.7306

■ 63.0358, 63.2009,
68.0244

■ 0.5429, 0.3928,
0.3815

■ 83.6386, 84.2246,
90.7485

■ 0.0000, 0.0000,
0.0000

108.3026,
109.4593, 118.0416

137.3933,

139.2894, 150.3223

171.2760,
174.0992, 188.0090

■ 13.9303, 13.5278,
14.4473

■ 13.9303, 13.5278,
14.4473

■ 12.4799, 11.3272,
11.8048

■ 15.5889, 16.0609,
17.4173

■ 11.2283, 9.4435,
9.4777

■ 17.4624, 18.9375,
20.7248

■ 10.1670, 7.8626,
7.4543

■ 19.5585, 22.1706,
24.3801

■ 9.2867, 6.5686,
5.7221

■ 21.8842, 25.7718,
28.3931

■ 8.5769, 5.5442,
4.2673

■ 24.4462, 29.7521,
32.7732

■ 8.0264, 4.7703,
3.0754

■ 27.2510, 34.1223,
37.5295

■ 7.6223, 4.2249,
2.1302

■ 30.3049, 38.8925,
42.6705

■ 7.3469, 3.8771,
1.4127

■ 33.6136, 44.0725,
48.2049

■ 7.2108, 3.7011,
1.0709

■ 37.1831, 49.6720,
54.1408

Harmonies

Analogous

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



13.8353, 13.5278, 16.0142



13.9303, 13.5278, 14.4473



13.7314, 13.5278, 13.0562

Triad

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



13.9303, 13.5278, 14.4473



12.2594, 13.5278, 12.4151



12.4265, 13.5278, 17.6332

Complementary

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



13.9303, 13.5278, 14.4473



14.2014, 16.0842, 17.6860

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.



12.0220, 13.5278, 16.5399



13.9303, 13.5278, 14.4473



11.9274, 13.5278, 13.5154

Square

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



13.9303, 13.5278, 14.4473



12.7589, 13.5278, 11.9372



11.8418, 13.5278, 15.0153



12.9572, 13.5278, 17.9263

Rectangle

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



13.9303, 13.5278, 14.4473



13.4621, 13.5278, 12.3923



11.8418, 13.5278, 15.0153



12.2718, 13.5278, 17.3435

Sweetspot

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



13.9307, 13.5284, 14.4476



27.8536, 28.6661, 31.0800



14.2134, 13.5937, 18.0944



6.5973, 6.7658, 7.3299



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



13.9307, 13.5284, 14.4476



23.9852, 22.7648, 24.1318



14.2529, 14.4066, 13.8346



3.7094, 3.7110, 3.9966



8.2368, 4.2284, 1.1894



39.8982, 20.5094, 4.5273

Inverse Universe

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



13.9307, 13.5284, 14.4476



23.9852, 22.7648, 24.1318



13.8381, 15.0859, 18.4022



3.7094, 3.7110, 3.9966



8.2368, 4.2284, 1.1894



39.8982, 20.5094, 4.5273

Previews

White Background



This preview shows how the XYZ color 13.9303, 13.5278, 14.4473 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 13.9303, 13.5278, 14.4473 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

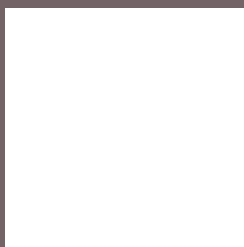
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.9303, 13.5278, 14.4473

Background



This preview shows how black text looks on a background with the XYZ color 13.9303, 13.5278, 14.4473.



This preview shows how white text looks on a background with the XYZ color 13.9303, 13.5278,

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

13.9303, 13.5278, 14.4473

Protanopia

12.9590, 13.4453, 15.0089

Deuteranopia

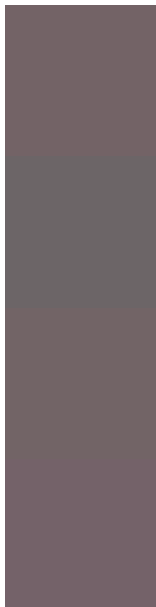
13.7655, 13.5844, 14.4669



Tritanopia

14.1717, 13.4890, 15.4924

Trichromacy



Original Color

13.9303, 13.5278, 14.4473

Protanomaly

13.2862, 13.4748, 14.7326

Deuteranomaly

13.8949, 13.6511, 14.4730

Tritanomaly

14.1199, 13.4683, 15.2200

Monochromacy



Original Color

13.9303, 13.5278, 14.4473

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.3839, 13.6702, 14.7652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9303, 13.5278, 14.4473 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(115, 99, 102)` looks like.

```
.text, #text, p{  
    color:rgb(115, 99, 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(115, 99, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 99, 102) }
```

Border

The CSS property to change the border of an element to XYZ 13.9303, 13.5278, 14.4473 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(115, 99, 102) }
```


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

```
.border{ border-color:rgb(115, 99, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 99, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 99, 102); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 99, 102); box-shadow:4px 4px 4px 4px rgb(115, 99, 102) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9303, 13.5278, 14.4473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 99, 102) }
```

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

```
.background{ background-color: rgb(115, 99,  
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