

Converting Colors

XYZ(13.9483, 14.5578, 16.1886)

Have a look what the booklet for
XYZ(13.9483, 14.5578, 16.1886)
contains.

XYZ(13.9242, 14.5166, 16.2555)	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(13.9242, 14.5166,
16.2555)**

Conversions

Conversions Part 1

Format	Color
Hex	6B6A6C
RGB	107, 106, 108
RGB Percent	42%, 42%, 42%
CMY	0.5804, 0.5843, 0.5765
CMYK	0.01, 0.02, 0.00, 0.58
HSL	270°, 1%, 42%
HSV	270°, 2%, 42%
XYZ	13.9242, 14.5166, 16.2555
YIQ	106.5270, -0.0460, 0.8340

Conversions

Conversions Part 2

Format	Color
RYB	107, 106, 108
Decimal	7039596
CIELab	44.96, 0.80, -0.99
CIELCh	45, 1.271, 309.076
Yxy	14.5166, 0.3115, 0.3248
Android (android.graphics.Color)	4285229676 (0xFF6B6A6C)
YUV	106.5270, 0.7262, 0.4148
Hunter-Lab	38.1007, -1.4418, 1.3746

Details

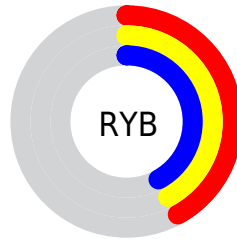
The XYZ color **13.9242, 14.5166, 16.2555** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.0281, 14.8920, 15.7715**, and the grayscale version is **13.8428, 14.5637, 15.8599**.

A 20% lighter version of the original color is **32.4155, 33.8862, 37.6331**, and **4.2697, 4.4255, 5.0440** is the 20% darker color. If you saturate the color by 10%, you get **12.2507, 12.1048, 15.8784**, and if you desaturate by 10%, it is **15.7794, 17.2311, 16.6819**.

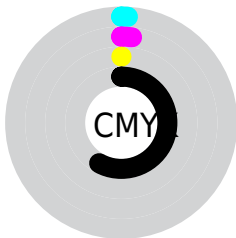
Distribution



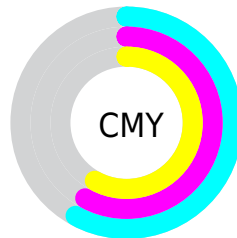
- Red (42%)
- Green (42%)
- Blue (42%)



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



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (58%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9242, 14.5166, 16.2555 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 13.9242, 14.5166, 16.2555 by changing the saturation by 10% instead.

■ 13.9242, 14.5166,
16.2555

■ 13.9242, 14.5166,
16.2555

210.2788,
220.4214, 242.7417

■ 8.1493, 8.4808,
9.5488

■ 32.5419, 34.0029,
37.8141

■ 4.2432, 4.4041,
4.9992

■ 46.1153, 48.2222,
53.5032

■ 1.8406, 1.9021,
2.1881

■ 63.0191, 65.9382,
73.0234

■ 0.5420, 0.5496,
0.6675

■ 83.6184, 87.5352,
96.7934

■ 0.0000, 0.0000,
0.0000

108.2787,
113.3976, 125.2317

137.3653,

143.9098, 158.7568

171.2435,
179.4563, 197.7873

■ 13.9242, 14.5166,
16.2555

■ 13.9242, 14.5166,
16.2555

■ 12.2507, 12.1048,
15.8784

■ 15.7794, 17.2311,
16.6819

■ 10.7518, 9.9829,
15.5478

■ 17.8207, 20.2565,
17.1583

■ 9.4215, 8.1402,
15.2623

■ 20.0538, 23.6031,
17.6865

■ 8.2532, 6.5645,
15.0197

■ 22.4840, 27.2804,
18.2682

■ 7.2398, 5.2427,
14.8180

■ 25.1162, 31.2972,
18.9048

6.3735, 4.1605,
14.6548

27.9552, 35.6621,
19.5977

5.6458, 3.3022,
14.5274

31.0056, 40.3832,
20.3482

5.0472, 2.6503,
14.4332

34.2717, 45.4687,
21.1576

4.5664, 2.1832,
14.3683

37.7581, 50.9263,
22.0273

Harmonies

Analogous

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



13.8292, 14.5166, 16.3792



13.9242, 14.5166, 16.2555



13.9855, 14.5166, 16.0118

Triad

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



13.9242, 14.5166, 16.2555



13.8692, 14.5166, 15.2765



13.6008, 14.5166, 15.8967

Complementary

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



13.9242, 14.5166, 16.2555



14.0281, 14.8920, 15.7715

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.



13.6114, 14.5166, 15.6022



13.9242, 14.5166, 16.2555



13.7660, 14.5166, 15.2465

Square

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



13.9242, 14.5166, 16.2555



13.9536, 14.5166, 15.4474



13.6718, 14.5166, 15.3651



13.6427, 14.5166, 16.1704

Rectangle

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



13.9242, 14.5166, 16.2555



13.9988, 14.5166, 15.8154



13.6718, 14.5166, 15.3651



13.5983, 14.5166, 15.7969

Sweetspot

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



13.9246, 14.5172, 16.2558



24.7018, 25.8582, 28.5969



13.9124, 14.6698, 16.2859



5.9852, 6.2679, 6.9231



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.



13.9246, 14.5172, 16.2558



24.3828, 25.3946, 28.5242



14.0416, 14.5775, 16.2613



3.3737, 3.5184, 3.9362



5.0064, 2.2079, 17.0846



24.5078, 10.7338, 87.0063

Inverse Universe

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



13.9928, 14.5585, 15.9834



24.5157, 25.4750, 27.9936



13.9125, 14.8324, 15.7661



3.3897, 3.5280, 3.8723



8.1591, 4.1158, 4.4664



41.1355, 20.7961, 20.4481

Previews

White Background



This preview shows how the XYZ color 13.9242, 14.5166, 16.2555 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 13.9242, 14.5166, 16.2555 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

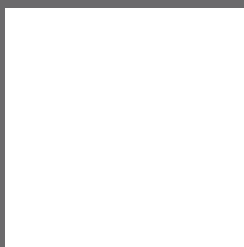
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.9242, 14.5166, 16.2555

Background



This preview shows how black text looks on a background with the XYZ color 13.9242, 14.5166, 16.2555.



This preview shows how white text looks on a background with the XYZ color 13.9242, 14.5166,

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

13.9242, 14.5166, 16.2555

Protanopia

14.0452, 14.5789, 16.2611

Deuteranopia

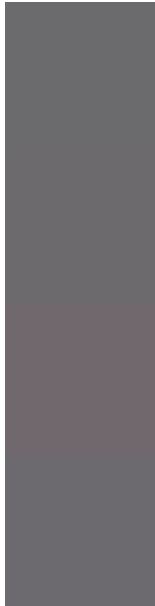
14.8130, 14.5176, 16.4894



Tritanopia

14.2166, 14.4836, 17.6691

Trichromacy



Original Color

13.9242, 14.5166, 16.2555

Protanomaly

14.0452, 14.5789, 16.2611

Deuteranomaly

14.5207, 14.5155, 16.5044

Tritanomaly

14.1052, 14.4390, 17.0825

Monochromacy



Original Color

13.9242, 14.5166, 16.2555

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.9749, 14.7027, 16.0113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9242, 14.5166, 16.2555 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, 106, 108)` looks like.

```
.text, #text, p{  
    color:rgb(107, 106, 108)  
}
```

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, 106, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 106, 108) }
```

Border

The CSS property to change the border of an element to XYZ 13.9242, 14.5166, 16.2555 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, 106, 108) }
```


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

```
.border{ border-color:rgb(107, 106, 108) }
```

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

Here you see how a box with a 4 pixel rgb(107, 106, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 106, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 106, 108);  
box-shadow:4px 4px 4px 4px rgb(107, 106,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9242, 14.5166, 16.2555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 106, 108) }
```

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

```
.background{ background-color: rgb(107,  
106, 108) }
```

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