

Converting Colors

XYZ(13.4432, 13.6564, 14.2080)

Have a look what the booklet for
XYZ(13.4432, 13.6564, 14.2080)
contains.

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Color

**XYZ(13.5307, 13.7573,
14.2542)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6665
RGB	110, 102, 101
RGB Percent	43%, 40%, 40%
CMY	0.5686, 0.6000, 0.6039
CMYK	0.00, 0.07, 0.08, 0.57
HSL	7°, 4%, 41%
HSV	7°, 8%, 43%
XYZ	13.5307, 13.7573, 14.2542
YIQ	104.2780, 5.0890, 1.3850

Conversions

Conversions Part 2

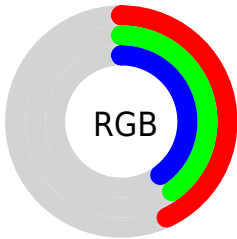
Format	Color
R _Y B	110, 102, 101
Decimal	7235173
CIE Lab	43.88, 2.96, 1.69
CIE LCh	44, 3.409, 29.791
Yxy	13.7573, 0.3257, 0.3312
Android (android.graphics.Color)	4285425253 (0xFF6E6665)
YUV	104.2780, -1.6161, 5.0182
Hunter-Lab	37.0908, 0.2077, 3.1781

Details

The XYZ color **13.5307, 13.7573, 14.2542** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.6499, 14.8294, 16.8949**, and the grayscale version is **13.2361, 13.9254, 15.1648**.

A 20% lighter version of the original color is **31.9590, 32.7308, 34.3390**, and **4.0186, 4.0229, 4.0547** is the 20% darker color. If you saturate the color by 10%, you get **12.1228, 11.7470, 11.3015**, and if you desaturate by 10%, it is **15.1248, 16.0243, 17.6253**.

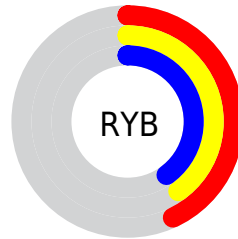
Distribution



Red (43%)

Green (40%)

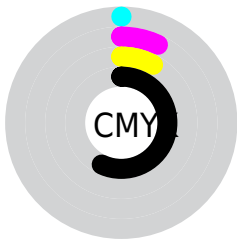
Blue (40%)



Red (43%)

Yellow (40%)

Blue (40%)

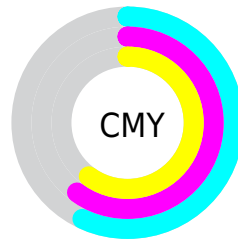


Cyan (0%)

Magenta (7%)

Yellow (8%)

Black (57%)



Cyan (57%)

Magenta (60%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.5307, 13.7573, 14.2542 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 13.5307, 13.7573, 14.2542 by changing the saturation by 10% instead.

■ 13.5307, 13.7573,
14.2542

■ 13.5307, 13.7573,
14.2542

207.8610,
215.7157, 230.2897

■ 7.8745, 7.9521,
8.1569

■ 31.8472, 32.6578,
34.2630

■ 4.0659, 4.0643,
4.1063

■ 45.2383, 46.5218,
49.0116

■ 1.7395, 1.7096,
1.6838

■ 61.9383, 63.8409,
67.4810

■ 0.4808, 0.4299,
0.3496

■ 82.3128, 84.9994,
90.0898

■ 0.0000, 0.0000,
0.0000

106.7269,
110.3817, 117.2565

135.5460,

140.3723, 149.3997

169.1356,
175.3555, 186.9379

■ 13.5307, 13.7573,
14.2542

■ 13.5307, 13.7573,
14.2542

■ 12.1228, 11.7470,
11.3015

■ 15.1248, 16.0243,
17.6253

■ 10.8933, 9.9826,
8.7500

■ 16.9105, 18.5547,
21.4293

■ 9.8352, 8.4551,
6.5826

■ 18.8941, 21.3573,
25.6811

■ 8.9410, 7.1546,
4.7807

■ 21.0815, 24.4398,
30.3947

■ 8.2025, 6.0700,
3.3241

■ 23.4784, 27.8097,
35.5833

■ 7.6105, 5.1898,
2.1908

■ 26.0901, 31.4742,
41.2597

■ 7.1553, 4.5009,
1.3558

■ 28.9218, 35.4402,
47.4363

■ 6.8256, 3.9891,
0.7910

■ 31.9785, 39.7145,
54.1249

■ 6.5988, 3.6342,
0.4111

■ 35.2651, 44.3036,
61.3370

Harmonies

Analogous

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



13.6009, 13.7573, 14.9848



13.5307, 13.7573, 14.2542



13.3383, 13.7573, 13.7333

Triad

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



13.5307, 13.7573, 14.2542



12.6333, 13.7573, 14.2451



13.0740, 13.7573, 16.5127

Complementary

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



13.5307, 13.7573, 14.2542



13.6499, 14.8294, 16.8949

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.



12.8169, 13.7573, 16.2986



13.5307, 13.7573, 14.2542



12.5646, 13.7573, 14.9739

Square

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



13.5307, 13.7573, 14.2542



12.8202, 13.7573, 13.7282



12.6314, 13.7573, 15.7287



13.3350, 13.7573, 16.3043

Rectangle

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



13.5307, 13.7573, 14.2542



13.1679, 13.7573, 13.5660



12.6314, 13.7573, 15.7287



12.9843, 13.7573, 16.4876

Sweetspot

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



13.5311, 13.7579, 14.2545



25.4390, 26.5464, 28.5725



13.8499, 13.7288, 16.4163



5.9309, 6.1933, 6.6726



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.



13.5311, 13.7579, 14.2545



23.2210, 23.3886, 23.8926



13.9748, 14.6454, 14.4024



3.4117, 3.4559, 3.5606



7.8733, 4.2791, 0.4110



38.8858, 20.6467, 1.9357

Inverse Universe

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



13.6499, 14.8294, 16.8949



23.4792, 25.7185, 29.6339



13.1924, 13.9145, 16.7424



3.4448, 3.7549, 4.2974



8.5874, 11.7651, 19.5399



42.3859, 57.8238, 97.2063

Previews

White Background



This preview shows how the XYZ color 13.5307, 13.7573, 14.2542 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 13.5307, 13.7573, 14.2542 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

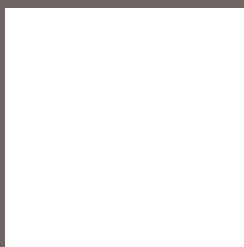
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.5307, 13.7573, 14.2542

Background



This preview shows how black text looks on a background with the XYZ color 13.5307, 13.7573, 14.2542.

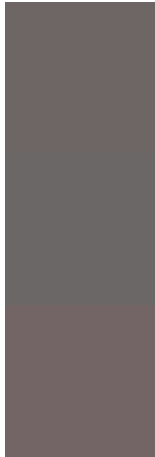


This preview shows how white text looks on a background with the XYZ color 13.5307, 13.7573,

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

13.5307, 13.7573, 14.2542

Protanopia

13.1924, 13.7240, 14.5241

Deuteranopia

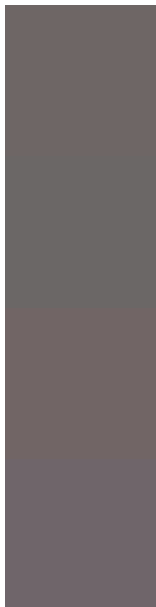
13.9764, 13.6988, 14.2194



Tritanopia

13.9695, 13.7910, 16.3937

Trichromacy



Original Color

13.5307, 13.7573, 14.2542

Protanomaly

13.3119, 13.7856, 14.5296

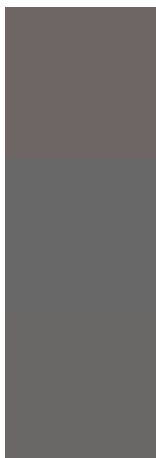
Deuteranomaly

13.8127, 13.7577, 14.2394

Tritanomaly

13.8107, 13.7275, 15.5574

Monochromacy



Original Color

13.5307, 13.7573, 14.2542

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.2423, 13.7439, 14.7869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5307, 13.7573, 14.2542 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(110, 102, 101)` looks like.

```
.text, #text, p{  
    color:rgb(110, 102, 101)  
}
```

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(110, 102, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 102, 101) }
```

Border

The CSS property to change the border of an element to XYZ 13.5307, 13.7573, 14.2542 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(110, 102, 101) }
```


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

```
.border{ border-color:rgb(110, 102, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 102, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 102, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 102, 101);  
box-shadow:4px 4px 4px 4px rgb(110, 102,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5307, 13.7573, 14.2542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 102, 101) }
```

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

```
.background{ background-color: rgb(110,  
102, 101) }
```

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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