

Converting Colors

XYZ(14.3444, 14.3461, 13.3225)

Have a look what the booklet for
XYZ(14.3444, 14.3461, 13.3225)
contains.

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Color

**XYZ(14.3440, 14.3455,
13.3222)**

Conversions

Conversions Part 1

Format	Color
Hex	756761
RGB	117, 103, 97
RGB Percent	46%, 40%, 38%
CMY	0.5412, 0.5961, 0.6196
CMYK	0.00, 0.12, 0.17, 0.54
HSL	18°, 9%, 42%
HSV	18°, 17%, 46%
XYZ	14.3440, 14.3455, 13.3222
YIQ	106.5020, 10.2700, 1.1020

Conversions

Conversions Part 2

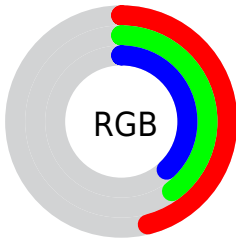
Format	Color
R_{YB}	117, 106, 97
Decimal	7694177
CIE Lab	44.72, 4.46, 5.41
CIE LCh	45, 7.010, 50.484
Yxy	14.3455, 0.3414, 0.3415
Android (android.graphics.Color)	4285884257 (0xFF756761)
YUV	106.5020, -4.6845, 9.2067
Hunter-Lab	37.8755, 1.3186, 5.6583

Details

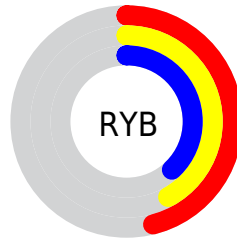
The XYZ color **14.3440, 14.3455, 13.3222** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.8249, 15.1941, 19.0337**, and the grayscale version is **13.8484, 14.5696, 15.8662**.

A 20% lighter version of the original color is **33.2631, 33.6843, 32.7655**, and **4.4660, 4.3326, 3.7329** is the 20% darker color. If you saturate the color by 10%, you get **13.0633, 12.5937, 10.3994**, and if you desaturate by 10%, it is **15.7857, 16.2904, 16.6960**.

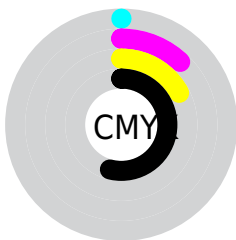
Distribution



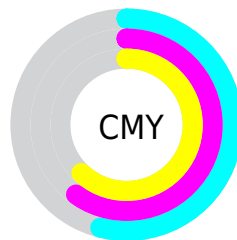
- Red (46%)
- Green (40%)
- Blue (38%)



- Red (46%)
- Yellow (42%)
- Blue (38%)



- Cyan (0%)
- Magenta (12%)
- Yellow (17%)
- Black (54%)



- Cyan (54%)
- Magenta (60%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3440, 14.3455, 13.3222 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 14.3440, 14.3455, 13.3222 by changing the saturation by 10% instead.

■ 14.3440, 14.3455,
13.3222

■ 14.3440, 14.3455,
13.3222

212.8285,
219.3697, 224.2523

■ 8.4436, 8.3614,
7.5175

■ 33.2794, 33.7008,
32.5811

■ 4.4343, 4.3270,
3.7045

■ 47.0450, 47.8408,
46.8723

■ 1.9506, 1.8581,
1.4647

■ 64.1632, 65.4682,
64.8294

■ 0.6060, 0.5230,
0.1914

■ 84.9992, 86.9673,
86.8709

■ 0.0000, 0.0000,
0.0000

109.9184,
112.7226, 113.4154

139.2861,

143.1186, 144.8815

173.4677,
178.5395, 181.6876

■ 14.3440, 14.3455,
13.3222

■ 14.3440, 14.3455,
13.3222

■ 13.0633, 12.5937,
10.3994

■ 15.7857, 16.2904,
16.6960

■ 11.9368, 11.0270,
7.9076

■ 17.3928, 18.4320,
20.5381

■ 10.9585, 9.6399,
5.8263

■ 19.1709, 20.7766,
24.8658

■ 10.1220, 8.4256,
4.1332

■ 21.1249, 23.3293,
29.6954

■ 9.4201, 7.3770,
2.8038

■ 23.2596, 26.0952,
35.0423

■ 8.8449, 6.4867,
1.8107

■ 25.5796, 29.0792,
40.9212

■ 8.3878, 5.7461,
1.1227

■ 28.0894, 32.2859,
47.3465

■ 8.0319, 5.1436,
0.6671

■ 30.7932, 35.7199,
54.3318

■ 7.9406, 4.9908,
0.5448

■ 33.6951, 39.3857,
61.8903

Harmonies

Analogous

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



14.6872, 14.3455, 14.5473



14.3440, 14.3455, 13.3222



13.8169, 14.3455, 12.7253

Triad

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



14.3440, 14.3455, 13.3222



12.5828, 14.3455, 15.1068



14.0220, 14.3455, 18.7472

Complementary

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



14.3440, 14.3455, 13.3222



13.8249, 15.1941, 19.0337

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.



13.4547, 14.3455, 18.9231



14.3440, 14.3455, 13.3222



12.6342, 14.3455, 16.7437

Square

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



14.3440, 14.3455, 13.3222



12.8071, 14.3455, 13.7073



12.9497, 14.3455, 18.1675



14.4977, 14.3455, 17.7025

Rectangle

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



14.3440, 14.3455, 13.3222



13.4366, 14.3455, 12.7333



12.9497, 14.3455, 18.1675



13.8353, 14.3455, 18.9126

Sweetspot

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



14.3444, 14.3461, 13.3225



28.8092, 29.8964, 31.1820



14.4801, 13.4791, 16.8775



6.5886, 6.8267, 7.0859



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.



14.3444, 14.3461, 13.3225



24.6312, 24.2518, 21.4303



15.3989, 16.4553, 13.6740



3.7653, 3.8636, 3.8896



8.7362, 5.4737, 0.5961



41.9049, 25.3384, 2.6822

Inverse Universe

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



13.8249, 15.1941, 19.0337



23.4928, 26.1076, 33.9381



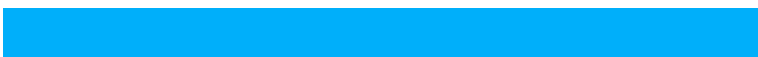
12.7945, 13.1333, 18.6902



3.6950, 3.9786, 4.6634



6.8386, 8.0169, 19.7296



32.5492, 37.5149, 95.8859

Previews

White Background



This preview shows how the XYZ color 14.3440, 14.3455, 13.3222 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 14.3440, 14.3455, 13.3222 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 14.3440, 14.3455, 13.3222

Background



This preview shows how black text looks on a background with the XYZ color 14.3440, 14.3455, 13.3222.



This preview shows how white text looks on a background with the XYZ color 14.3440, 14.3455,

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

14.3440, 14.3455, 13.3222

Protanopia

13.6866, 14.3000, 13.5941

Deuteranopia

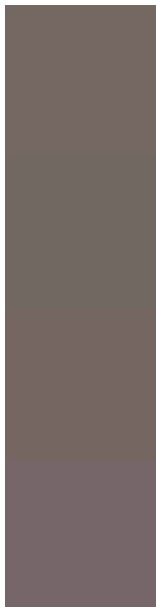
14.5168, 14.2877, 13.3020



Tritanopia

15.0217, 14.3334, 16.4429

Trichromacy



Original Color

14.3440, 14.3455, 13.3222

Protanomaly

13.9650, 14.2932, 13.5781

Deuteranomaly

14.3803, 14.2174, 13.2956

Tritanomaly

14.7724, 14.3742, 15.3605

Monochromacy



Original Color

14.3440, 14.3455, 13.3222

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.1578, 14.6668, 14.9168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3440, 14.3455, 13.3222 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(117, 103, 97)` looks like.

```
.text, #text, p{  
    color:rgb(117, 103, 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(117, 103, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 103, 97) }
```

Border

The CSS property to change the border of an element to XYZ 14.3440, 14.3455, 13.3222 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(117, 103, 97) }
```


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

```
.border{ border-color:rgb(117, 103, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 103, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 103, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 103, 97);  
box-shadow:4px 4px 4px 4px rgb(117, 103,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3440, 14.3455, 13.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 103, 97) }
```

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

```
.background{ background-color: rgb(117,  
103, 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](#).

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