

Converting Colors

XYZ(13.7401, 13.5406, 14.9350)

Have a look what the booklet for
XYZ(13.7401, 13.5406, 14.9350)
contains.

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Color

**XYZ(13.7380, 13.5586,
14.9897)**

Conversions

Conversions Part 1

Format	Color
Hex	706468
RGB	112, 100, 104
RGB Percent	44%, 39%, 41%
CMY	0.5608, 0.6078, 0.5922
CMYK	0.00, 0.11, 0.07, 0.56
HSL	340°, 6%, 42%
HSV	340°, 11%, 44%
XYZ	13.7380, 13.5586, 14.9897
YIQ	104.0440, 5.8680, 3.7880

Conversions

Conversions Part 2

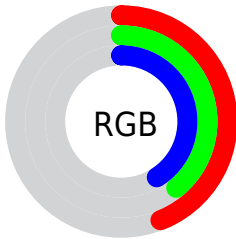
Format	Color
R_{YB}	112, 100, 104
Decimal	7365736
CIE _{Lab}	43.59, 5.53, -0.52
CIE _{LCh}	44, 5.558, 354.599
Yxy	13.5586, 0.3249, 0.3206
Android (android.graphics.Color)	4285555816 (0xFF706468)
YUV	104.0440, -0.0217, 6.9774
Hunter-Lab	36.8220, 2.1584, 1.6393

Details

The XYZ color **13.7380, 13.5586, 14.9897** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.7571, 15.3808, 16.4319**, and the grayscale version is **13.1692, 13.8550, 15.0881**.

A 20% lighter version of the original color is **32.2928, 32.3923, 35.5607**, and **4.1260, 3.9316, 4.4123** is the 20% darker color. If you saturate the color by 10%, you get **12.3741, 11.4112, 12.7457**, and if you desaturate by 10%, it is **15.2840, 16.0161, 17.4605**.

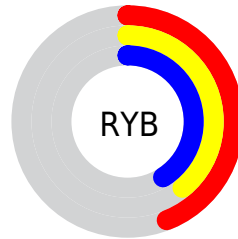
Distribution



Red (44%)

Green (39%)

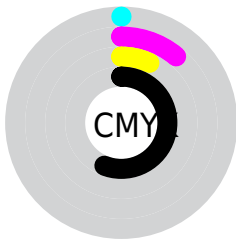
Blue (41%)



Red (44%)

Yellow (39%)

Blue (41%)

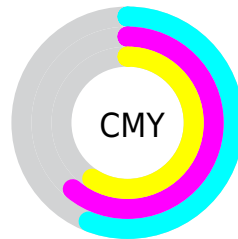


Cyan (0%)

Magenta (11%)

Yellow (7%)

Black (56%)



Cyan (56%)

Magenta (61%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.7380, 13.5586, 14.9897 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 13.7380, 13.5586, 14.9897 by changing the saturation by 10% instead.

■ 13.7380, 13.5586,
14.9897

■ 13.7380, 13.5586,
14.9897

209.1382,
214.4673, 234.9425

■ 8.0191, 7.8143,
8.6656

■ 32.2136, 32.3038,
35.5772

■ 4.1591, 3.9764,
4.4299

■ 45.7010, 46.0734,
50.6776

■ 1.7925, 1.6603,
1.8640

■ 62.5087, 63.2870,
69.5406

■ 0.5132, 0.3978,
0.4697

■ 83.0020, 84.3288,
92.5847

■ 0.0000, 0.0000,
0.0000

107.5462,
109.5834, 120.2283

136.5068,

139.4351, 152.8902

170.2490,
174.2682, 190.9887

■ 13.7380, 13.5586,
14.9897

■ 13.7380, 13.5586,
14.9897

■ 12.3741, 11.4112,
12.7457

■ 15.2840, 16.0161,
17.4605

■ 11.1843, 9.5597,
10.7211

■ 17.0173, 18.7935,
20.1635

■ 10.1617, 7.9915,
8.9093

■ 18.9447, 21.9023,
23.1051

■ 9.2984, 6.6926,
7.3029

■ 21.0718, 25.3532,
26.2910

■ 8.5859, 5.6475,
5.8944

■ 23.4044, 29.1561,
29.7269

■ 8.0150, 4.8393,
4.6755

■ 25.9478, 33.3207,
33.4181

■ 7.5752, 4.2490,
3.6372

■ 28.7073, 37.8561,
37.3699

■ 7.2546, 3.8544,
2.7698

■ 31.6878, 42.7714,
41.5873

■ 7.0212, 3.5804,
2.0977

■ 34.8942, 48.0751,
46.0754

Harmonies

Analogous

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



13.5811, 13.5586, 16.1949



13.7380, 13.5586, 14.9897



13.6628, 13.5586, 13.7880

Triad

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



13.7380, 13.5586, 14.9897



12.5419, 13.5586, 12.6899



12.4084, 13.5586, 16.8034

Complementary

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



13.7380, 13.5586, 14.9897



13.7571, 15.3808, 16.4319

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.



12.1412, 13.5586, 15.7830



13.7380, 13.5586, 14.9897



12.2171, 13.5586, 13.4181

Square

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



13.7380, 13.5586, 14.9897



12.9660, 13.5586, 12.5039



12.0720, 13.5586, 14.5386



12.8085, 13.5586, 17.2791

Rectangle

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



13.7380, 13.5586, 14.9897



13.4920, 13.5586, 13.1438



12.0720, 13.5586, 14.5386



12.3005, 13.5586, 16.5100

Sweetspot

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



13.7384, 13.5592, 14.9900



26.1779, 27.0646, 29.6100



13.6667, 13.4730, 17.2097



6.2419, 6.4269, 7.0386



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.



13.7384, 13.5592, 14.9900



23.4744, 22.7764, 25.2591



13.7342, 13.8682, 14.0103



3.4261, 3.4182, 3.7706



8.1068, 4.1351, 2.3726



40.0203, 20.4534, 9.9051

Inverse Universe

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



13.7384, 13.5592, 14.9900



23.4744, 22.7764, 25.2591



13.7566, 15.0315, 17.5058



3.4261, 3.4182, 3.7706



8.1068, 4.1351, 2.3726



40.0203, 20.4534, 9.9051

Previews

White Background



This preview shows how the XYZ color 13.7380, 13.5586, 14.9897 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 13.7380, 13.5586, 14.9897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

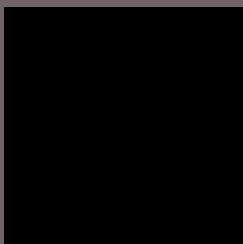
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.7380, 13.5586, 14.9897

Background



This preview shows how black text looks on a background with the XYZ color 13.7380, 13.5586, 14.9897.



This preview shows how white text looks on a background with the XYZ color 13.7380, 13.5586,

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

13.7380, 13.5586, 14.9897

Protanopia

13.1090, 13.6635, 15.3110

Deuteranopia

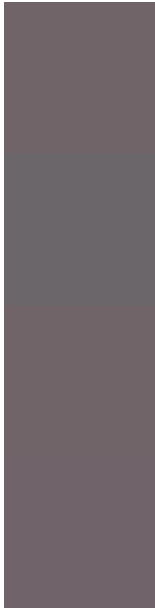
13.8659, 13.6245, 14.9957



Tritanopia

13.7978, 13.4300, 15.7749

Trichromacy



Original Color

13.7380, 13.5586, 14.9897

Protanomaly

13.3646, 13.6485, 15.2946

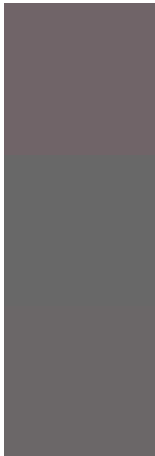
Deuteranomaly

13.8659, 13.6245, 14.9957

Tritanomaly

13.7455, 13.4090, 15.4994

Monochromacy



Original Color

13.7380, 13.5586, 14.9897

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.4123, 13.8258, 15.0584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7380, 13.5586, 14.9897 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(112, 100, 104)` looks like.

```
.text, #text, p{  
    color:rgb(112, 100, 104)  
}
```

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(112, 100, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 100, 104) }
```

Border

The CSS property to change the border of an element to XYZ 13.7380, 13.5586, 14.9897 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(112, 100, 104) }
```


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

```
.border{ border-color:rgb(112, 100, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 100, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 100, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 100, 104);  
box-shadow:4px 4px 4px 4px rgb(112, 100,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7380, 13.5586, 14.9897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 100, 104) }
```

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

```
.background{ background-color: rgb(112,  
100, 104) }
```

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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