

Converting Colors

XYZ(13.8329, 14.2595, 13.7781)

Have a look what the booklet for
XYZ(13.8329, 14.2595, 13.7781)
contains.

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Color

**XYZ(13.7580, 14.1810,
13.8165)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6863
RGB	111, 104, 99
RGB Percent	44%, 41%, 39%
CMY	0.5647, 0.5921, 0.6118
CMYK	0.00, 0.06, 0.11, 0.56
HSL	25°, 6%, 41%
HSV	25°, 11%, 44%
XYZ	13.7580, 14.1810, 13.8165
YIQ	105.5230, 5.7770, -0.0710

Conversions

Conversions Part 2

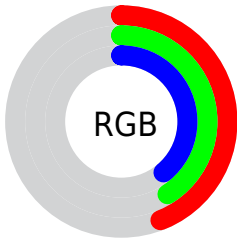
Format	Color
R _Y B	111, 108, 99
Decimal	7301219
CIE Lab	44.49, 1.79, 3.79
CIE LCh	44, 4.194, 64.747
Yxy	14.1810, 0.3295, 0.3396
Android (android.graphics.Color)	4285491299 (0xFF6F6863)
YUV	105.5230, -3.2158, 4.8033
Hunter-Lab	37.6577, -0.6870, 4.6070

Details

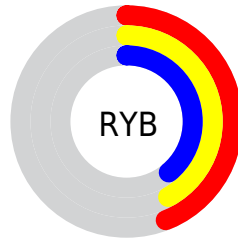
The XYZ color **13.7580, 14.1810, 13.8165** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.1689, 14.1082, 17.0681**, and the grayscale version is **13.5770, 14.2841, 15.5553**.

A 20% lighter version of the original color is **32.3306, 33.4312, 33.6030**, and **4.1556, 4.2401, 3.9675** is the 20% darker color. If you saturate the color by 10%, you get **12.6368, 12.7301, 11.0021**, and if you desaturate by 10%, it is **15.0030, 15.7624, 17.0324**.

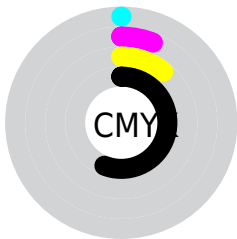
Distribution



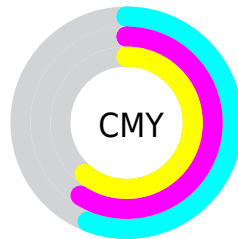
- Red (44%)
- Green (41%)
- Blue (39%)



- Red (44%)
- Yellow (42%)
- Blue (39%)



- Cyan (0%)
- Magenta (6%)
- Yellow (11%)
- Black (56%)



- Cyan (56%)
- Magenta (59%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.7580, 14.1810, 13.8165 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 13.7580, 14.1810, 13.8165 by changing the saturation by 10% instead.

■ 13.7580, 14.1810,
13.8165

■ 13.7580, 14.1810,
13.8165

209.2610,
218.3539, 227.4749

■ 8.0331, 8.2467,
7.8559

■ 32.2489, 33.4098,
33.4755

■ 4.1681, 4.2532,
3.9164

■ 45.7456, 47.4731,
48.0110

■ 1.7977, 1.8162,
1.5796

■ 62.5636, 65.0149,
66.2417

■ 0.5163, 0.4972,
0.2762

■ 83.0683, 86.4194,
88.5864

■ 0.0000, 0.0000,
0.0000

107.6250,
112.0712, 115.4635

136.5992,

142.3547, 147.2916

170.3560,
177.6541, 184.4892

■ 13.7580, 14.1810,
13.8165

■ 13.7580, 14.1810,
13.8165

■ 12.6368, 12.7301,
11.0021

■ 15.0030, 15.7624,
17.0324

■ 11.6341, 11.4044,
8.5725

■ 16.3745, 17.4757,
20.6640

■ 10.7460, 10.2010,
6.5107

■ 17.8765, 19.3246,
24.7258

■ 9.9679, 9.1161,
4.7987

■ 19.5127, 21.3123,
29.2315

■ 9.2949, 8.1457,
3.4163

■ 21.2863, 23.4416,
34.1939

■ 8.7216, 7.2855,
2.3418

■ 23.2007, 25.7154,
39.6257

■ 8.2419, 6.5311,
1.5504

■ 25.2589, 28.1364,
45.5386

■ 7.8493, 5.8774,
1.0137

■ 27.4641, 30.7074,
51.9444

■ 7.5432, 5.3547,
0.6360

■ 29.8192, 33.4310,
58.8540

Harmonies

Analogous

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



14.0201, 14.1810, 14.4032



13.7580, 14.1810, 13.8165



13.4249, 14.1810, 13.6577

Triad

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



13.7580, 14.1810, 13.8165



12.8408, 14.1810, 15.5954



13.8527, 14.1810, 17.0224

Complementary

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



13.7580, 14.1810, 13.8165



13.1689, 14.1082, 17.0681

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.



13.5325, 14.1810, 17.3724



13.7580, 14.1810, 13.8165



12.9512, 14.1810, 16.5269

Square

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



13.7580, 14.1810, 13.8165



12.8989, 14.1810, 14.6596



13.2030, 14.1810, 17.1874



14.0755, 14.1810, 16.2491

Rectangle

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



13.7580, 14.1810, 13.8165



13.2082, 14.1810, 13.8100



13.2030, 14.1810, 17.1874



13.7527, 14.1810, 17.1949

Sweetspot

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



13.7584, 14.1816, 13.8168



26.3393, 27.5614, 29.1269



13.6191, 13.3440, 15.4937



6.2892, 6.5726, 6.8970



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.



13.7584, 14.1816, 13.8168



24.1050, 24.7115, 23.3921



14.3838, 15.4324, 14.0253



3.4881, 3.6088, 3.5861



8.8638, 6.2600, 0.7411



43.3422, 29.5595, 3.4212

Inverse Universe

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



13.1689, 14.1082, 17.0681



22.8224, 24.5516, 30.4659



12.5722, 12.9149, 16.8693



3.3640, 3.5933, 4.2705



5.5644, 5.7191, 18.5322



26.8528, 26.7574, 92.0285

Previews

White Background



This preview shows how the XYZ color 13.7580, 14.1810, 13.8165 looks on a white background.

Color Contrast Check

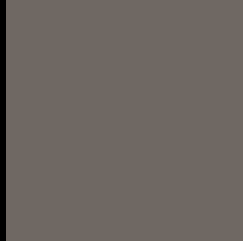
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.7580, 14.1810, 13.8165 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

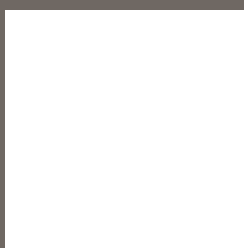
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.7580, 14.1810, 13.8165

Background



This preview shows how black text looks on a background with the XYZ color 13.7580, 14.1810, 13.8165.



This preview shows how white text looks on a background with the XYZ color 13.7580, 14.1810,

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

13.7580, 14.1810, 13.8165

Protanopia

13.4880, 14.1921, 13.8328

Deuteranopia

14.4747, 14.2551, 13.7930



Tritanopia

14.3759, 14.1392, 16.7233

Trichromacy



Original Color

13.7580, 14.1810, 13.8165

Protanomaly

13.6104, 14.2552, 13.8386

Deuteranomaly

14.1726, 14.2462, 13.8072

Tritanomaly

14.1339, 14.1858, 15.6289

Monochromacy



Original Color

13.7580, 14.1810, 13.8165

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.6841, 14.2706, 14.8652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7580, 14.1810, 13.8165 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(111, 104, 99)` looks like.

```
.text, #text, p{  
    color:rgb(111, 104, 99)  
}
```

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(111, 104, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 104, 99) }
```

Border

The CSS property to change the border of an element to XYZ 13.7580, 14.1810, 13.8165 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(111, 104, 99) }
```


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

```
.border{ border-color:rgb(111, 104, 99) }
```

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

Here you see how a box with a 4 pixel rgb(111, 104, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 104, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 104, 99);  
box-shadow:4px 4px 4px 4px rgb(111, 104,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7580, 14.1810, 13.8165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 104, 99) }
```

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

```
.background{ background-color: rgb(111,  
104, 99) }
```

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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