

Converting Colors

XYZ(14.0267, 13.6151, 14.2391)

Have a look what the booklet for
XYZ(14.0267, 13.6151, 14.2391)
contains.

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Color

**XYZ(14.0133, 13.5763,
14.1938)**

Conversions

Conversions Part 1

Format	Color
Hex	746365
RGB	116, 99, 101
RGB Percent	45%, 39%, 40%
CMY	0.5451, 0.6118, 0.6039
CMYK	0.00, 0.15, 0.13, 0.55
HSL	353°, 8%, 42%
HSV	353°, 15%, 45%
XYZ	14.0133, 13.5763, 14.1938
YIQ	104.3110, 9.4900, 4.2260

Conversions

Conversions Part 2

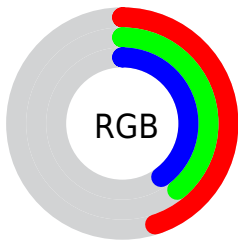
Format	Color
R_{YB}	116, 99, 101
Decimal	7627621
CIE Lab	43.62, 7.16, 1.38
CIE LCh	44, 7.295, 10.924
Yxy	13.5763, 0.3354, 0.3249
Android (android.graphics.Color)	4285817701 (0xFF746365)
YUV	104.3110, -1.6323, 10.2513
Hunter-Lab	36.8460, 3.4067, 2.9526

Details

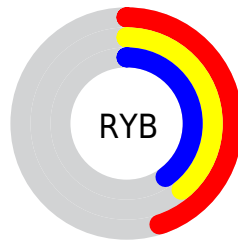
The XYZ color **14.0133, 13.5763, 14.1938** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.4288, 16.3588, 18.3176**, and the grayscale version is **13.2443, 13.9340, 15.1741**.

A 20% lighter version of the original color is **32.7223, 32.4045, 34.2358**, and **4.2777, 3.9513, 4.0272** is the 20% darker color. If you saturate the color by 10%, you get **12.5216, 11.3461, 11.3743**, and if you desaturate by 10%, it is **15.7261, 16.1484, 17.3957**.

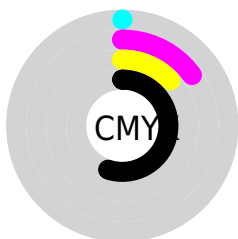
Distribution



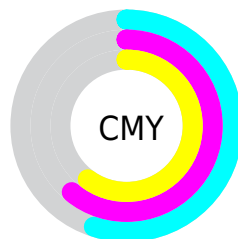
- Red (45%)
- Green (39%)
- Blue (40%)



- Red (45%)
- Yellow (39%)
- Blue (40%)



- Cyan (0%)
- Magenta (15%)
- Yellow (13%)
- Black (55%)



- Cyan (55%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0133, 13.5763, 14.1938 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 14.0133, 13.5763, 14.1938 by changing the saturation by 10% instead.

■ 14.0133, 13.5763,
14.1938

■ 14.0133, 13.5763,
14.1938

210.8225,
214.5788, 229.9034

■ 8.2117, 7.8266,
8.1153

■ 32.6987, 32.3353,
34.1546

■ 4.2836, 3.9842,
4.0800

■ 46.3132, 46.1134,
48.8739

■ 1.8638, 1.6647,
1.6693

■ 63.2627, 63.3364,
67.3106

■ 0.5557, 0.4007,
0.3396

■ 83.9125, 84.3887,
89.8832

■ 0.0000, 0.0000,
0.0000

108.6280,
109.6547, 117.0102

137.7747,

139.5188, 149.1102

171.7177,
174.3653, 186.6018

■ 14.0133, 13.5763,
14.1938

■ 14.0133, 13.5763,
14.1938

■ 12.5216, 11.3461,
11.3743

■ 15.7261, 16.1484,
17.3957

■ 11.2410, 9.4418,
8.9219

■ 17.6674, 19.0742,
20.9925

■ 10.1621, 7.8486,
6.8218

■ 19.8456, 22.3669,
24.9975

■ 9.2747, 6.5500,
5.0578

■ 22.2683, 26.0388,
29.4230

■ 8.5674, 5.5278,
3.6123

■ 24.9427, 30.1012,
34.2806

■ 8.0277, 4.7620,
2.4663

■ 27.8760, 34.5653,
39.5817

■ 7.6417, 4.2297,
1.5984

■ 31.0747, 39.4417,
45.3372

■ 7.3883, 3.8951,
0.9833

■ 34.5454, 44.7407,
51.5576

■ 7.2794, 3.7438,
0.7415

■ 38.2943, 50.4720,
58.2529

Harmonies

Analogous

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



13.9706, 13.5763, 15.8350



14.0133, 13.5763, 14.1938



13.7522, 13.5763, 12.8149

Triad

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



14.0133, 13.5763, 14.1938



12.1973, 13.5763, 12.5294



12.5480, 13.5763, 17.9609

Complementary

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



14.0133, 13.5763, 14.1938



14.4288, 16.3588, 18.3176

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.



12.0912, 13.5763, 16.9414



14.0133, 13.5763, 14.1938



11.8928, 13.5763, 13.7773

Square

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



14.0133, 13.5763, 14.1938



12.6967, 13.5763, 11.9022



11.8546, 13.5763, 15.3868



13.1133, 13.5763, 18.0930

Rectangle

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



14.0133, 13.5763, 14.1938



13.4453, 13.5763, 12.1986



11.8546, 13.5763, 15.3868



12.3771, 13.5763, 17.7072

Sweetspot

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



14.0137, 13.5769, 14.1941



27.8211, 28.6531, 30.9087



14.5195, 13.7448, 18.4110



6.5884, 6.7622, 7.2830



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.



14.0137, 13.5769, 14.1941



23.5911, 22.3051, 22.9877



14.5304, 14.7652, 13.8893



3.6998, 3.7072, 3.9462



8.1647, 4.1996, 0.8096



39.6149, 20.3961, 3.0354

Inverse Universe

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



14.0137, 13.5769, 14.1941



23.5911, 22.3051, 22.9877



13.8493, 15.0157, 18.6916



3.6998, 3.7072, 3.9462



8.1647, 4.1996, 0.8096



39.6149, 20.3961, 3.0354

Previews

White Background



This preview shows how the XYZ color 14.0133, 13.5763, 14.1938 looks on a white background.

Color Contrast Check

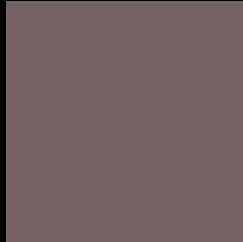
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.0133, 13.5763, 14.1938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

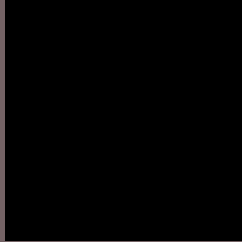
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.0133, 13.5763, 14.1938

Background



This preview shows how black text looks on a background with the XYZ color 14.0133, 13.5763, 14.1938.



This preview shows how white text looks on a background with the XYZ color 14.0133, 13.5763,

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

14.0133, 13.5763, 14.1938

Protanopia

13.1241, 13.6830, 14.7813

Deuteranopia

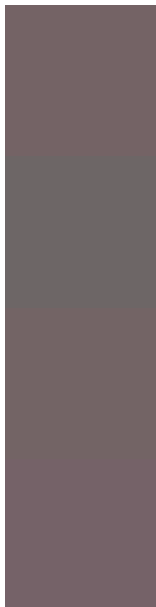
13.8456, 13.6313, 14.2133



Tritanopia

14.3053, 13.5579, 15.4986

Trichromacy



Original Color

14.0133, 13.5763, 14.1938

Protanomaly

13.4563, 13.7133, 14.5081

Deuteranomaly

13.9764, 13.6988, 14.2194

Tritanomaly

14.2025, 13.5167, 14.9571

Monochromacy



Original Color

14.0133, 13.5763, 14.1938

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.3839, 13.6702, 14.7652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0133, 13.5763, 14.1938 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(116, 99, 101) looks like.

```
.text, #text, p{  
    color:rgb(116, 99, 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(116, 99, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 99, 101) }
```

Border

The CSS property to change the border of an element to XYZ 14.0133, 13.5763, 14.1938 is called "border". The border property can be set on classes, ids or directly on the HTML element.

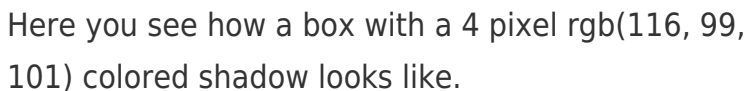
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 99, 101) }
```


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

```
.border{ border-color:rgb(116, 99, 101) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 99, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 99, 101); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 99, 101); box-shadow:4px 4px 4px 4px rgb(116, 99, 101) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0133, 13.5763, 14.1938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 99, 101) }
```

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

```
.background{ background-color: rgb(116, 99,  
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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