

Converting Colors

XYZ(14.2562, 14.7463, 16.1316)

Have a look what the booklet for
XYZ(14.2562, 14.7463, 16.1316)
contains.

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Color

**XYZ(14.2383, 14.6846,
15.9939)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6A6B
RGB	110, 106, 107
RGB Percent	43%, 42%, 42%
CMY	0.5686, 0.5843, 0.5804
CMYK	0.00, 0.04, 0.03, 0.57
HSL	345°, 2%, 42%
HSV	345°, 4%, 43%
XYZ	14.2383, 14.6846, 15.9939
YIQ	107.3100, 2.0630, 1.1590

Conversions

Conversions Part 2

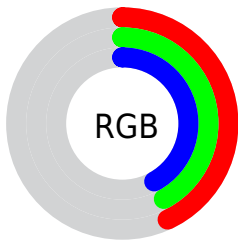
Format	Color
R_{YB}	110, 106, 107
Decimal	7236203
CIE Lab	45.20, 1.76, -0.01
CIE LCh	45, 1.759, 359.651
Yxy	14.6846, 0.3170, 0.3269
Android (android.graphics.Color)	4285426283 (0xFF6E6A6B)
YUV	107.3100, -0.1528, 2.3591
Hunter-Lab	38.3205, -0.7377, 2.0784

Details

The XYZ color **14.2383, 14.6846, 15.9939** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.2807, 15.3206, 16.6733**, and the grayscale version is **14.0616, 14.7938, 16.1105**.

A 20% lighter version of the original color is **33.1288, 34.2639, 37.2153**, and **4.3662, 4.4783, 4.9092** is the 20% darker color. If you saturate the color by 10%, you get **12.7630, 12.3960, 13.4610**, and if you desaturate by 10%, it is **15.9013, 17.2820, 18.7943**.

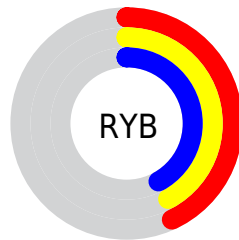
Distribution



Red (43%)

Green (42%)

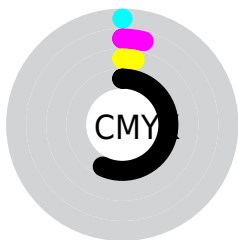
Blue (42%)



Red (43%)

Yellow (42%)

Blue (42%)

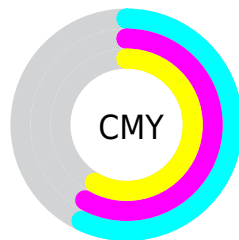


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (57%)



Cyan (57%)

Magenta (58%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2383, 14.6846, 15.9939 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 14.2383, 14.6846, 15.9939 by changing the saturation by 10% instead.

■ 14.2383, 14.6846,
15.9939

■ 14.2383, 14.6846,
15.9939

212.1894,
221.4492, 241.1502

■ 8.3694, 8.5983,
9.3655

■ 33.0940, 34.2989,
37.3543

■ 4.3860, 4.4801,
4.8803

■ 46.8115, 48.5958,
52.9233

■ 1.9227, 1.9456,
2.1197

■ 63.8760, 66.3982,
72.3097

■ 0.5900, 0.5756,
0.6275

■ 84.6527, 88.0908,
95.9319

■ 0.0000, 0.0000,
0.0000

109.5070,
114.0577, 124.2086

138.8043,

144.6835, 157.5581

172.9100,
180.3525, 196.3992

■ 14.2383, 14.6846,
15.9939

■ 14.2383, 14.6846,
15.9939

■ 12.7630, 12.3960,
13.4610

■ 15.9013, 17.2820,
18.7943

■ 11.4676, 10.4027,
11.1867

■ 17.7572, 20.1970,
21.8688

■ 10.3453, 8.6933,
9.1631

■ 19.8122, 23.4406,
25.2251

■ 9.3888, 7.2548,
7.3813

■ 22.0722, 27.0227,
28.8700

■ 8.5899, 6.0731,
5.8322

■ 24.5427, 30.9526,
32.8104

■ 7.9399, 5.1330,
4.5058

■ 27.2290, 35.2395,
37.0528

■ 7.4290, 4.4175,
3.3916

■ 30.1361, 39.8920,
41.6034

■ 7.0465, 3.9076,
2.4778

■ 33.2691, 44.9185,
46.4685

■ 6.7771, 3.5753,
1.7509

■ 36.6326, 50.3274,
51.6540

Harmonies

Analogous

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



14.1996, 14.6846, 16.3964



14.2383, 14.6846, 15.9939



14.2013, 14.6846, 15.5967

Triad

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



14.2383, 14.6846, 15.9939



13.8196, 14.6846, 15.3042



13.8167, 14.6846, 16.6890

Complementary

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



14.2383, 14.6846, 15.9939



14.2807, 15.3206, 16.6733

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.



13.7161, 14.6846, 16.3878



14.2383, 14.6846, 15.9939



13.7177, 14.6846, 15.5885

Square

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



14.2383, 14.6846, 15.9939



13.9590, 14.6846, 15.2028



13.6800, 14.6846, 15.9842



13.9556, 14.6846, 16.8019

Rectangle

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



14.2383, 14.6846, 15.9939



14.1388, 14.6846, 15.3874



13.6800, 14.6846, 15.9842



13.7773, 14.6846, 16.6061

Sweetspot

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



14.2387, 14.6852, 15.9942



25.7350, 26.9263, 29.3253



14.2757, 14.6857, 16.8343



5.9943, 6.2746, 6.8336



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.



14.2387, 14.6852, 15.9942



24.8760, 25.5881, 27.8682



14.2901, 14.8716, 15.7537



3.5888, 3.6831, 4.0112



7.9583, 4.0757, 1.5902



39.3440, 20.1829, 6.3434

Inverse Universe

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



14.2387, 14.6852, 15.9942



24.8760, 25.5881, 27.8682



14.2275, 15.1277, 16.9222



3.5888, 3.6831, 4.0112



7.9583, 4.0757, 1.5902



39.3440, 20.1829, 6.3434

Previews

White Background



This preview shows how the XYZ color 14.2383, 14.6846, 15.9939 looks on a white background.

Color Contrast Check

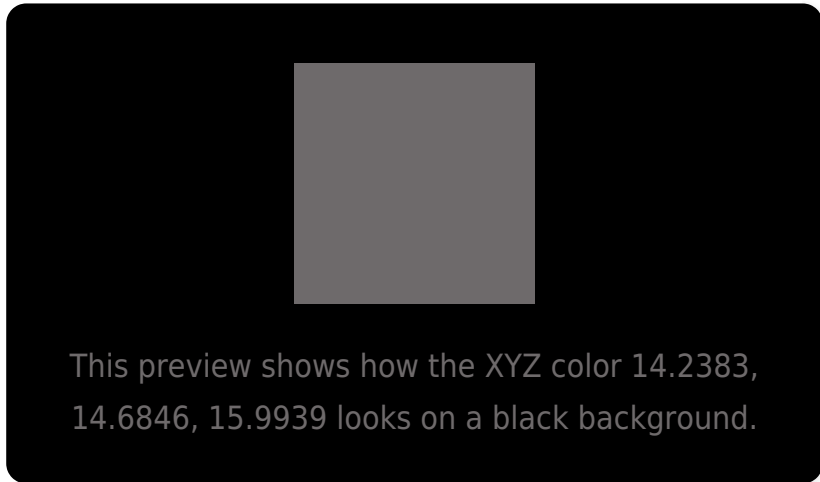
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 14.2383, 14.6846, 15.9939

Background



This preview shows how black text looks on a background with the XYZ color 14.2383, 14.6846, 15.9939.



This preview shows how white text looks on a background with the XYZ color 14.2383, 14.6846,

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

14.2383, 14.6846, 15.9939

Protanopia

14.1146, 14.6208, 15.9881

Deuteranopia

14.9403, 14.7441, 15.9684



Tritanopia

14.5878, 14.6749, 17.6865

Trichromacy

**Original Color**

14.2383, 14.6846, 15.9939

Protanomaly

14.1146, 14.6208, 15.9881

Deuteranomaly

14.6448, 14.7421, 15.9836

Tritanomaly

14.4764, 14.6304, 17.0999

Monochromacy

**Original Color**

14.2383, 14.6846, 15.9939

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.0959, 14.7651, 16.0169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2383, 14.6846, 15.9939 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, 106, 107)` looks like.

```
.text, #text, p{  
    color:rgb(110, 106, 107)  
}
```

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, 106, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 106, 107) }
```

Border

The CSS property to change the border of an element to XYZ 14.2383, 14.6846, 15.9939 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, 106, 107) }
```


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

```
.border{ border-color:rgb(110, 106, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 106, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 106, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 106, 107);  
box-shadow:4px 4px 4px 4px rgb(110, 106,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2383, 14.6846, 15.9939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 106, 107) }
```

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

```
.background{ background-color: rgb(110,  
106, 107) }
```

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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