

Converting Colors

XYZ(14.3773, 15.0406, 14.4521)

Have a look what the booklet for
XYZ(14.3773, 15.0406, 14.4521)
contains.

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Color

**XYZ(14.3936, 15.1095,
14.4697)**

Conversions

Conversions Part 1

Format	Color
Hex	706C65
RGB	112, 108, 101
RGB Percent	44%, 42%, 40%
CMY	0.5608, 0.5765, 0.6039
CMYK	0.00, 0.04, 0.10, 0.56
HSL	38°, 5%, 42%
HSV	38°, 10%, 44%
XYZ	14.3936, 15.1095, 14.4697
YIQ	108.3980, 4.6310, -1.3290

Conversions

Conversions Part 2

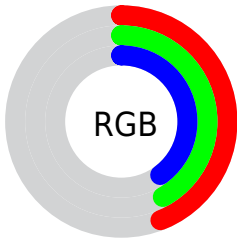
Format	Color
R_{YB}	107, 112, 101
Decimal	7367781
CIE Lab	45.78, 0.20, 4.46
CIE LCh	46, 4.467, 87.426
Yxy	15.1095, 0.3273, 0.3436
Android (android.graphics.Color)	4285557861 (0xFF706C65)
YUV	108.3980, -3.6472, 3.1590
Hunter-Lab	38.8709, -1.9270, 5.1390

Details

The XYZ color **14.3936, 15.1095, 14.4697** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.3429, 14.0393, 17.3359**, and the grayscale version is **14.3751, 15.1237, 16.4697**.

A 20% lighter version of the original color is **33.3755, 34.9558, 34.6938**, and **4.4490, 4.6938, 4.1615** is the 20% darker color. If you saturate the color by 10%, you get **13.4627, 14.0668, 11.6341**, and if you desaturate by 10%, it is **15.4202, 16.2236, 17.7066**.

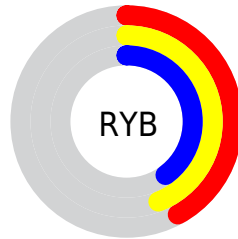
Distribution



Red (44%)

Green (42%)

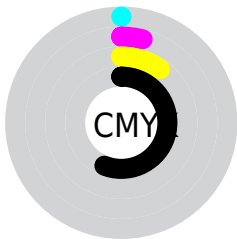
Blue (40%)



Red (42%)

Yellow (44%)

Blue (40%)

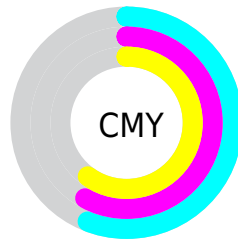


Cyan (0%)

Magenta (4%)

Yellow (10%)

Black (56%)



Cyan (56%)

Magenta (58%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3936, 15.1095, 14.4697 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 14.3936, 15.1095, 14.4697 by changing the saturation by 10% instead.

■ 14.3936, 15.1095,
14.4697

■ 14.3936, 15.1095,
14.4697

213.1278,
224.0280, 231.6627

■ 8.4785, 8.8963,
8.3056

■ 33.3663, 35.0452,
34.6492

■ 4.4570, 4.6736,
4.2005

■ 47.1545, 49.5364,
49.5017

■ 1.9638, 2.0570,
1.7360

■ 64.2978, 67.5557,
68.0873

■ 0.6135, 0.6403,
0.3852

■ 85.1615, 89.4876,
90.8248

■ 0.0000, 0.0000,
0.0000

110.1110,
115.7163, 118.1325

139.5117,

146.6264, 150.4290

173.7288,
182.6022, 188.1329

■ 14.3936, 15.1095,
14.4697

■ 14.3936, 15.1095,
14.4697

■ 13.4627, 14.0668,
11.6341

■ 15.4202, 16.2236,
17.7066

■ 12.6230, 13.0917,
9.1828

■ 16.5443, 17.4086,
21.3589

■ 11.8714, 12.1830,
7.0993

■ 17.7693, 18.6670,
25.4411

■ 11.2041, 11.3388,
5.3653

■ 19.0980, 20.0001,
29.9668

■ 10.6172, 10.5570,
3.9608

■ 20.5332, 21.4095,
34.9489

■ 10.1061, 9.8354,
2.8641

■ 22.0774, 22.8967,
40.3999

■ 9.6660, 9.1715,
2.0506

■ 23.7330, 24.4629,
46.3317

■ 9.2912, 8.5625,
1.4919

■ 25.5026, 26.1096,
52.7558

■ 8.9604, 7.9995,
1.0776

■ 27.3884, 27.8380,
59.6834

Harmonies

Analogous

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



14.7537, 15.1095, 14.7686



14.3936, 15.1095, 14.4697



14.0309, 15.1095, 14.6823

Triad

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



14.3936, 15.1095, 14.4697



13.7293, 15.1095, 17.4234



14.9787, 15.1095, 17.5912

Complementary

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



14.3936, 15.1095, 14.4697



13.3429, 14.0393, 17.3359

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.



14.6965, 15.1095, 18.3577



14.3936, 15.1095, 14.4697



13.9756, 15.1095, 18.2579

Square

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



14.3936, 15.1095, 14.4697



13.6513, 15.1095, 16.3589



14.3287, 15.1095, 18.6068



15.0952, 15.1095, 16.5448

Rectangle

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



14.3936, 15.1095, 14.4697



13.8355, 15.1095, 15.0910



14.3287, 15.1095, 18.6068



14.8998, 15.1095, 17.8918

Sweetspot

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



14.3940, 15.1102, 14.4700



26.4835, 27.8499, 29.1749



13.8874, 13.7729, 15.3002



6.3316, 6.6574, 6.9112



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.



14.3940, 15.1102, 14.4700



24.8634, 26.0764, 24.1131



14.6402, 15.8773, 14.6051



3.5449, 3.7222, 3.6050



10.3301, 9.1926, 1.2299



50.6178, 44.1107, 5.8464

Inverse Universe

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



13.3429, 14.0393, 17.3359



22.5853, 23.7555, 30.3247



13.1110, 13.3295, 17.2111



3.3077, 3.4806, 4.2517



4.2651, 3.1205, 18.0991



20.4887, 14.0293, 89.9072

Previews

White Background



This preview shows how the XYZ color 14.3936, 15.1095, 14.4697 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 14.3936, 15.1095, 14.4697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

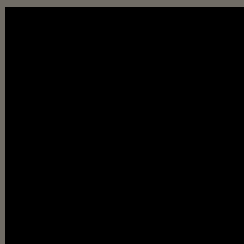
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.3936, 15.1095, 14.4697

Background



This preview shows how black text looks on a background with the XYZ color 14.3936, 15.1095, 14.4697.



This preview shows how white text looks on a background with the XYZ color 14.3936, 15.1095,

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

14.3936, 15.1095, 14.4697

Protanopia

14.3936, 15.1095, 14.4697

Deuteranopia

15.3350, 15.1274, 14.6820



Tritanopia

15.1307, 15.1004, 18.0368

Trichromacy



Original Color

14.3936, 15.1095, 14.4697

Protanomaly

14.3936, 15.1095, 14.4697

Deuteranomaly

15.0235, 15.1189, 14.6968

Tritanomaly

14.8281, 15.1302, 16.6069

Monochromacy



Original Color

14.3936, 15.1095, 14.4697

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.2190, 14.9963, 15.5097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3936, 15.1095, 14.4697 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, 108, 101)` looks like.

```
.text, #text, p{  
    color:rgb(112, 108, 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(112, 108, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 108, 101) }
```

Border

The CSS property to change the border of an element to XYZ 14.3936, 15.1095, 14.4697 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, 108, 101) }
```


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

```
.border{ border-color:rgb(112, 108, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 108, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 108, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 108, 101);  
box-shadow:4px 4px 4px 4px rgb(112, 108,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3936, 15.1095, 14.4697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 108, 101) }
```

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

```
.background{ background-color: rgb(112,  
108, 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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