

Converting Colors

XYZ(14.4402, 15.2535, 14.2040)

Have a look what the booklet for
XYZ(14.4402, 15.2535, 14.2040)
contains.

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Color

**XYZ(14.4510, 15.3021,
14.2485)**

Conversions

Conversions Part 1

Format	Color
Hex	706D64
RGB	112, 109, 100
RGB Percent	44%, 43%, 39%
CMY	0.5608, 0.5725, 0.6078
CMYK	0.00, 0.03, 0.11, 0.56
HSL	45°, 6%, 42%
HSV	45°, 11%, 44%
XYZ	14.4510, 15.3021, 14.2485
YIQ	108.8710, 4.6770, -2.1630

Conversions

Conversions Part 2

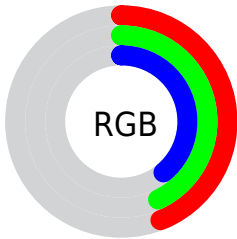
Format	Color
RYB	104, 112, 100
Decimal	7368036
CIELab	46.05, -0.57, 5.44
CIElCh	46, 5.466, 96.011
Yxy	15.3021, 0.3284, 0.3478
Android (android.graphics.Color)	4285558116 (0xFF706D64)
YUV	108.8710, -4.3734, 2.7441
Hunter-Lab	39.1179, -2.5146, 5.7864

Details

The XYZ color **14.4510, 15.3021, 14.2485** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.0304, 13.5795, 17.2638**, and the grayscale version is **14.5107, 15.2664, 16.6251**.

A 20% lighter version of the original color is **33.4666, 35.2685, 34.3218**, and **4.4796, 4.7923, 4.0571** is the 20% darker color. If you saturate the color by 10%, you get **13.6521, 14.5130, 11.4891**, and if you desaturate by 10%, it is **15.3348, 16.1414, 17.4043**.

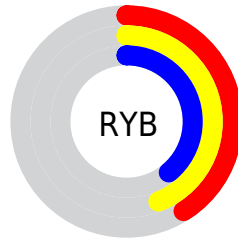
Distribution



Red (44%)

Green (43%)

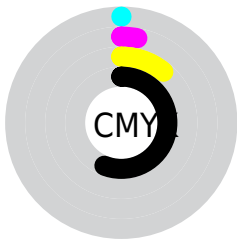
Blue (39%)



Red (41%)

Yellow (44%)

Blue (39%)

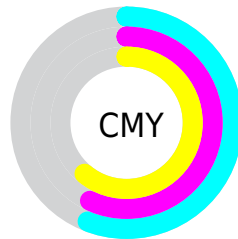


Cyan (0%)

Magenta (3%)

Yellow (11%)

Black (56%)



Cyan (56%)

Magenta (57%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4510, 15.3021, 14.2485 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 14.4510, 15.3021, 14.2485 by changing the saturation by 10% instead.

■ 14.4510, 15.3021,
14.2485

■ 14.4510, 15.3021,
14.2485

213.4737,
225.1875, 230.2533

■ 8.5188, 9.0317,
8.1530

■ 33.4668, 35.3823,
34.2528

■ 4.4832, 4.7619,
4.1038

■ 47.2811, 49.9608,
48.9986

■ 1.9790, 2.1082,
1.6825

■ 64.4534, 68.0776,
67.4649

■ 0.6221, 0.6692,
0.3487

■ 85.3492, 90.1169,
90.0703

■ 0.0000, 0.0000,
0.0000

110.3337,
116.4631, 117.2333

139.7724,

147.5007, 149.3724

174.0306,
183.6141, 186.9062

■ 14.4510, 15.3021,
14.2485

■ 14.4510, 15.3021,
14.2485

■ 13.6521, 14.5130,
11.4891

■ 15.3348, 16.1414,
17.4043

■ 12.9338, 13.7706,
9.1092

■ 16.3051, 17.0302,
20.9706

■ 12.2931, 13.0743,
7.0920

■ 17.3652, 17.9704,
24.9620

■ 11.7265, 12.4223,
5.4194

■ 18.5178, 18.9631,
29.3920

■ 11.2300, 11.8131,
4.0712

■ 19.7653, 20.0096,
34.2735

■ 10.7995, 11.2447,
3.0255

■ 21.1102, 21.1110,
39.6190

■ 10.4302, 10.7151,
2.2575

■ 22.5549, 22.2683,
45.4405

■ 10.1164, 10.2220,
1.7385

■ 24.1016, 23.4825,
51.7494

■ 9.8539, 9.7882,
1.3700

■ 25.7525, 24.7546,
58.5568

Harmonies

Analogous

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



14.9097, 15.3021, 14.4354



14.4510, 15.3021, 14.2485



14.0262, 15.3021, 14.6798

Triad

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



14.4510, 15.3021, 14.2485



13.8347, 15.3021, 18.2084



15.3742, 15.3021, 17.7214

Complementary

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



14.4510, 15.3021, 14.2485



13.0304, 13.5795, 17.2638

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.



15.0748, 15.3021, 18.8137



14.4510, 15.3021, 14.2485



14.1847, 15.3021, 19.1052

Square

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



14.4510, 15.3021, 14.2485



13.6753, 15.3021, 16.9303



14.6378, 15.3021, 19.3324



15.4491, 15.3021, 16.3954

Rectangle

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



14.4510, 15.3021, 14.2485



13.8173, 15.3021, 15.2741



14.6378, 15.3021, 19.3324



15.2961, 15.3021, 18.1302

Sweetspot

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



14.4514, 15.3028, 14.2488



26.5585, 27.9999, 29.1999



13.6877, 13.5386, 14.7239



6.3537, 6.7015, 6.9185



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.



14.4514, 15.3028, 14.2488



25.0044, 26.5102, 23.6919



14.4013, 15.7599, 14.3397



3.5747, 3.7820, 3.6149



11.3732, 11.2788, 1.5776



55.9456, 54.7664, 7.6223

Inverse Universe

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



13.0304, 13.5795, 17.2638



21.9491, 22.8052, 30.1748



13.0755, 13.1680, 17.1820



3.2791, 3.4235, 4.2422



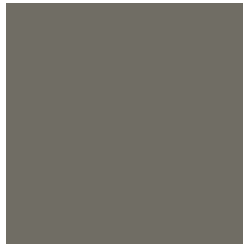
3.8439, 2.2782, 17.9587



18.5543, 10.1605, 89.2624

Previews

White Background



This preview shows how the XYZ color 14.4510, 15.3021, 14.2485 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 14.4510, 15.3021, 14.2485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

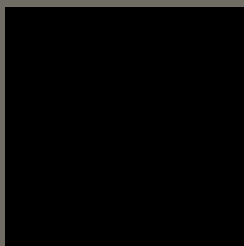
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

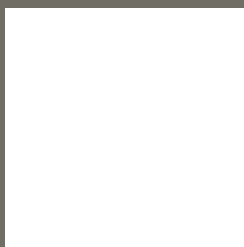
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4510, 15.3021, 14.2485

Background



This preview shows how black text looks on a background with the XYZ color 14.4510, 15.3021, 14.2485.



This preview shows how white text looks on a background with the XYZ color 14.4510, 15.3021,

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

14.4510, 15.3021, 14.2485

Protanopia

14.5789, 15.3681, 14.2545

Deuteranopia

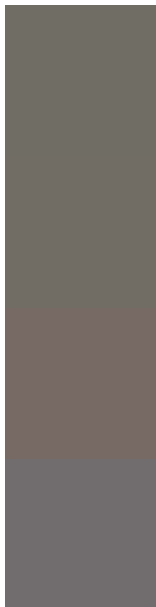
15.5689, 15.2537, 14.4356



Tritanopia

15.2916, 15.3306, 18.3728

Trichromacy



Original Color

14.4510, 15.3021, 14.2485

Protanomaly

14.5789, 15.3681, 14.2545

Deuteranomaly

15.1107, 15.1696, 14.4435

Tritanomaly

14.9871, 15.3616, 16.9270

Monochromacy



Original Color

14.4510, 15.3021, 14.2485

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.5006, 15.2929, 15.8232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4510, 15.3021, 14.2485 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, 109, 100)` looks like.

```
.text, #text, p{  
    color:rgb(112, 109, 100)  
}
```

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, 109, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 109, 100) }
```

Border

The CSS property to change the border of an element to XYZ 14.4510, 15.3021, 14.2485 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, 109, 100) }
```


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

```
.border{ border-color:rgb(112, 109, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 109, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 109, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 109, 100);  
box-shadow:4px 4px 4px 4px rgb(112, 109,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4510, 15.3021, 14.2485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 109, 100) }
```

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

```
.background{ background-color: rgb(112,  
109, 100) }
```

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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