

Converting Colors

XYZ(14.3209, 15.7936, 12.4198)

Have a look what the booklet for
XYZ(14.3209, 15.7936, 12.4198)
contains.

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Color

**XYZ(14.2815, 15.7406,
12.4107)**

Conversions

Conversions Part 1

Format	Color
Hex	6F705C
RGB	111, 112, 92
RGB Percent	44%, 44%, 36%
CMY	0.5647, 0.5608, 0.6392
CMYK	0.01, 0.00, 0.18, 0.56
HSL	63°, 10%, 40%
HSV	63°, 18%, 44%
XYZ	14.2815, 15.7406, 12.4107
YIQ	109.4210, 5.8240, -6.4320

Conversions

Conversions Part 2

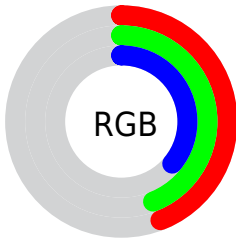
Format	Color
RYB	92, 112, 93
Decimal	7303260
CIELab	46.63, -4.15, 11.02
CIELCh	47, 11.772, 110.645
Yxy	15.7406, 0.3366, 0.3710
Android (android.graphics.Color)	4285493340 (0xFF6F705C)
YUV	109.4210, -8.5886, 1.3848
Hunter-Lab	39.6744, -5.1761, 9.2254

Details

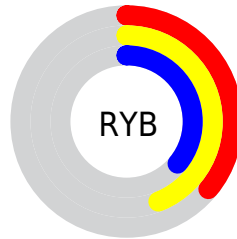
The XYZ color **14.2815, 15.7406, 12.4107** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.2666, 11.1517, 16.8888**, and the grayscale version is **14.6784, 15.4428, 16.8172**.

A 20% lighter version of the original color is **33.2622, 36.2904, 30.8428**, and **4.3764, 4.9208, 3.3039** is the 20% darker color. If you saturate the color by 10%, you get **13.7574, 15.5234, 10.0166**, and if you desaturate by 10%, it is **14.8793, 15.9884, 15.1868**.

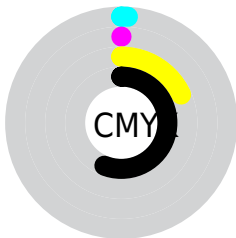
Distribution



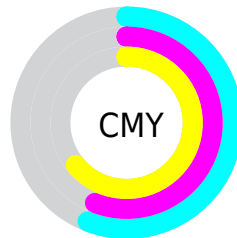
- Red (44%)
- Green (44%)
- Blue (36%)



- Red (36%)
- Yellow (44%)
- Blue (36%)



- Cyan (1%)
- Magenta (0%)
- Yellow (18%)
- Black (56%)



- Cyan (56%)
- Magenta (56%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2815, 15.7406, 12.4107 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 14.2815, 15.7406, 12.4107 by changing the saturation by 10% instead.

■ 14.2815, 15.7406,
12.4107

■ 14.2815, 15.7406,
12.4107

212.4508,
227.8062, 218.1791

■ 8.3997, 9.3408,
6.8981

■ 33.1698, 36.1473,
30.9164

■ 4.4057, 4.9641,
3.3210

■ 46.9070, 50.9229,
44.7467

■ 1.9341, 2.2262,
1.2608

■ 63.9934, 69.2593,
62.1865

■ 0.5966, 0.7342,
0.0293

■ 84.7944, 91.5409,
83.6546

■ 0.0000, 0.0000,
0.0000

109.6753,
118.1519, 109.5693

139.0014,

149.4769, 140.3493

173.1381,
185.9002, 176.4130

■ 14.2815, 15.7406,
12.4107

■ 14.2815, 15.7406,
12.4107

■ 13.7574, 15.5234,
10.0166

■ 14.8793, 15.9884,
15.1868

■ 13.3026, 15.3333,
7.9869

■ 15.5525, 16.2660,
18.3596

■ 12.9141, 15.1699,
6.3040

■ 16.3043, 16.5750,
21.9442

■ 12.5881, 15.0315,
4.9484

■ 17.1375, 16.9166,
25.9545

■ 12.3208, 14.9167,
3.8988

■ 18.0545, 17.2918,
30.4040

■ 12.1074, 14.8234,
3.1315

■ 19.0577, 17.7015,
35.3055

■ 11.9429, 14.7498,
2.6189

■ 20.1496, 18.1468,
40.6711

■ 11.8121, 14.6897,
2.2817

■ 21.3322, 18.6284,
46.5127

■ 11.7846, 14.6770,
2.2118

■ 22.6079, 19.1472,
52.8415

Harmonies

Analogous

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



15.2814, 15.7406, 12.1820



14.2815, 15.7406, 12.4107



13.4981, 15.7406, 13.8247

Triad

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



14.2815, 15.7406, 12.4107



13.7539, 15.7406, 21.8483



16.9763, 15.7406, 18.0662

Complementary

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



14.2815, 15.7406, 12.4107



11.2666, 11.1517, 16.8888

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.



16.5258, 15.7406, 20.9444



14.2815, 15.7406, 12.4107



14.6451, 15.7406, 23.2854

Square

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



14.2815, 15.7406, 12.4107



13.2033, 15.7406, 19.1919



15.6617, 15.7406, 22.9371



16.8681, 15.7406, 15.2376

Rectangle

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



14.2815, 15.7406, 12.4107



13.1894, 15.7406, 15.3476



15.6617, 15.7406, 22.9371



16.8844, 15.7406, 19.0643

Sweetspot

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



14.2819, 15.7413, 12.4110



26.4469, 28.2137, 28.1280



12.5287, 12.0465, 11.7903



6.3387, 6.7720, 6.6871



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.



14.2819, 15.7413, 12.4110



24.7336, 27.5048, 20.1727



13.0934, 15.1286, 12.3554



3.6262, 3.9081, 3.6366



13.6173, 16.9637, 2.5566



67.6122, 84.3894, 12.7252

Inverse Universe

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



11.2666, 11.1517, 16.8888



18.4988, 18.0146, 29.4320



12.3458, 11.7080, 16.9393



3.2317, 3.3077, 4.2223



3.4563, 1.3912, 17.8080



16.9999, 6.8181, 88.6992

Previews

White Background



This preview shows how the XYZ color 14.2815, 15.7406, 12.4107 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 14.2815, 15.7406, 12.4107 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

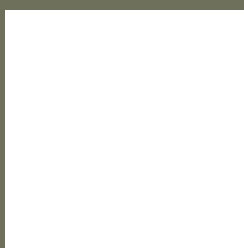
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.2815, 15.7406, 12.4107

Background



This preview shows how black text looks on a background with the XYZ color 14.2815, 15.7406, 12.4107.



This preview shows how white text looks on a background with the XYZ color 14.2815, 15.7406,

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

14.2815, 15.7406, 12.4107

Protanopia

14.8004, 15.6891, 12.1458

Deuteranopia

15.8822, 15.6104, 12.5320



Tritanopia

15.6190, 15.7990, 19.0559

Trichromacy



Original Color

14.2815, 15.7406, 12.4107

Protanomaly

14.6430, 15.7690, 12.1695

Deuteranomaly

15.2235, 15.5804, 12.5609

Tritanomaly

15.0928, 15.7453, 16.4310

Monochromacy



Original Color

14.2815, 15.7406, 12.4107

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.4545, 15.4461, 15.0515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2815, 15.7406, 12.4107 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, 112, 92)` looks like.

```
.text, #text, p{  
    color:rgb(111, 112, 92)  
}
```

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, 112, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 112, 92) }
```

Border

The CSS property to change the border of an element to XYZ 14.2815, 15.7406, 12.4107 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, 112, 92) }
```


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

```
.border{ border-color:rgb(111, 112, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 112, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 112, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 112, 92);  
box-shadow:4px 4px 4px 4px rgb(111, 112,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2815, 15.7406, 12.4107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 112, 92) }
```

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

```
.background{ background-color: rgb(111,  
112, 92) }
```

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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