

Converting Colors

XYZ(14.2672, 14.8605, 15.8506)

Have a look what the booklet for
XYZ(14.2672, 14.8605, 15.8506)
contains.

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Color

**XYZ(14.2896, 14.8710,
15.7529)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6B6A
RGB	110, 107, 106
RGB Percent	43%, 42%, 42%
CMY	0.5686, 0.5804, 0.5843
CMYK	0.00, 0.03, 0.04, 0.57
HSL	15°, 2%, 42%
HSV	15°, 4%, 43%
XYZ	14.2896, 14.8710, 15.7529
YIQ	107.7830, 2.1090, 0.3250

Conversions

Conversions Part 2

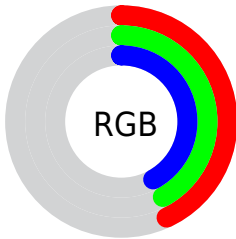
Format	Color
R_{YB}	110, 107, 106
Decimal	7236458
CIE Lab	45.46, 0.97, 0.97
CIE LCh	45, 1.366, 45.024
Yxy	14.8710, 0.3182, 0.3311
Android (android.graphics.Color)	4285426538 (0xFF6E6B6A)
YUV	107.7830, -0.8790, 1.9443
Hunter-Lab	38.5629, -1.3415, 2.7742

Details

The XYZ color **14.2896, 14.8710, 15.7529** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.2269, 15.1269, 16.9219**, and the grayscale version is **14.1954, 14.9347, 16.2639**.

A 20% lighter version of the original color is **33.2130, 34.5694, 36.8203**, and **4.3919, 4.5716, 4.7886** is the 20% darker color. If you saturate the color by 10%, you get **12.9351, 13.0193, 12.6579**, and if you desaturate by 10%, it is **15.8003, 16.9172, 19.2625**.

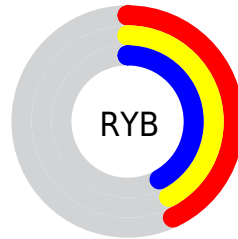
Distribution



Red (43%)

Green (42%)

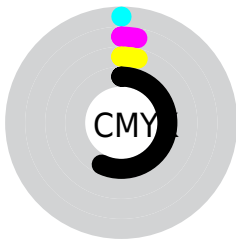
Blue (42%)



Red (43%)

Yellow (42%)

Blue (42%)

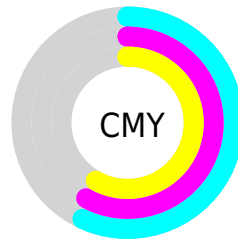


Cyan (0%)

Magenta (3%)

Yellow (4%)

Black (57%)



Cyan (57%)

Magenta (58%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2896, 14.8710, 15.7529 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 14.2896, 14.8710, 15.7529 by changing the saturation by 10% instead.

■ 14.2896, 14.8710,
15.7529

■ 14.2896, 14.8710,
15.7529

212.4998,
222.5841, 239.6749

■ 8.4054, 8.7289,
9.1970

■ 33.1840, 34.6267,
36.9295

■ 4.4094, 4.5648,
4.7713

■ 46.9249, 49.0091,
52.3873

■ 1.9363, 1.9942,
2.0574

■ 64.0154, 66.9071,
71.6494

■ 0.5978, 0.6041,
0.5902

■ 84.8209, 88.7050,
95.1345

■ 0.0000, 0.0000,
0.0000

109.7068,
114.7873, 123.2611

139.0383,

145.5383, 156.4476

173.1809,
181.3424, 195.1127

■ 14.2896, 14.8710,
15.7529

■ 14.2896, 14.8710,
15.7529

■ 12.9351, 13.0193,
12.6579

■ 15.8003, 16.9172,
19.2625

■ 11.7305, 11.3547,
9.9610

■ 17.4708, 19.1615,
23.2001

■ 10.6709, 9.8717,
7.6464

■ 19.3060, 21.6098,
27.5800

■ 9.7506, 8.5640,
5.6966

■ 21.3105, 24.2669,
32.4154

■ 8.9636, 7.4252,
4.0928

■ 23.4884, 27.1379,
37.7188

■ 8.3034, 6.4481,
2.8145

■ 25.8438, 30.2273,
43.5026

■ 7.7630, 5.6252,
1.8390

■ 28.3807, 33.5398,
49.7783

■ 7.3344, 4.9482,
1.1408

■ 31.1029, 37.0796,
56.5574

■ 7.0074, 4.4074,
0.6824

■ 34.0142, 40.8511,
63.8507

Harmonies

Analogous

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



14.3467, 14.8710, 16.0302



14.2896, 14.8710, 15.7529



14.1910, 14.8710, 15.5944

Triad

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



14.2896, 14.8710, 15.7529



13.9242, 14.8710, 16.0307



14.1912, 14.8710, 16.8046

Complementary

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



14.2896, 14.8710, 15.7529



14.2269, 15.1269, 16.9219

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.



14.0780, 14.8710, 16.8047



14.2896, 14.8710, 15.7529



13.9242, 14.8710, 16.3549

Square

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



14.2896, 14.8710, 15.7529



13.9803, 14.8710, 15.7533



13.9804, 14.8710, 16.6392



14.2897, 14.8710, 16.6388

Rectangle

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



14.2896, 14.8710, 15.7529



14.1153, 14.8710, 15.5760



13.9804, 14.8710, 16.6392



14.1536, 14.8710, 16.8240

Sweetspot

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



14.2900, 14.8716, 15.7532



25.7614, 27.0217, 29.2026



14.3449, 14.7274, 16.5548



5.9999, 6.2950, 6.8074



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.



14.2900, 14.8716, 15.7532



24.9779, 25.9568, 27.3937



14.5007, 15.2930, 15.8235



3.6050, 3.7415, 3.9360



8.1900, 4.9124, 0.5165



40.2026, 23.2805, 2.3747

Inverse Universe

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



14.2269, 15.1269, 16.9219



24.8531, 26.4616, 29.7049



14.0162, 14.7055, 16.8517



3.5851, 3.8217, 4.3029



7.0221, 8.6345, 19.0181



34.2700, 41.5918, 94.5009

Previews

White Background



This preview shows how the XYZ color 14.2896, 14.8710, 15.7529 looks on a white background.

Color Contrast Check

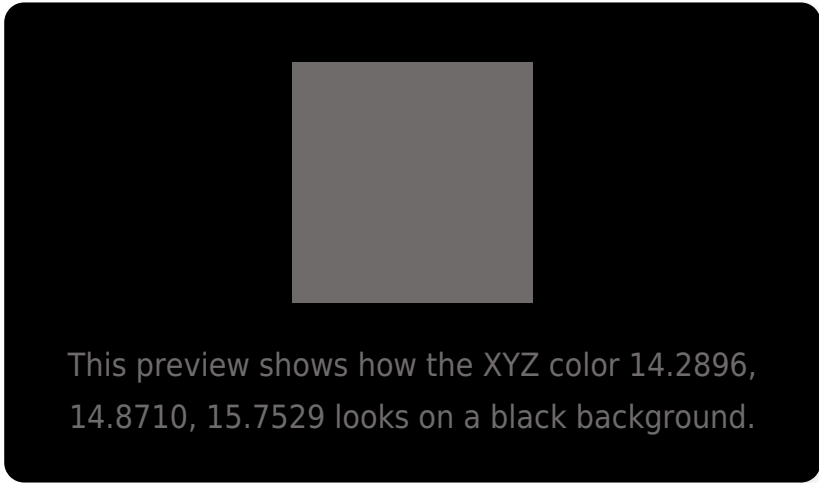
Large Text (above 18pt) WCAG AA ✓ Pass

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

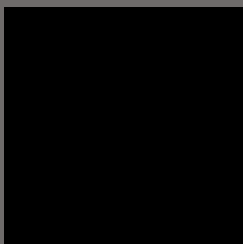
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

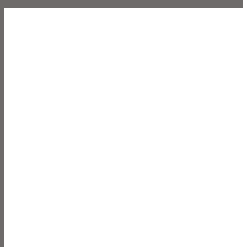
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.2896, 14.8710, 15.7529

Background



This preview shows how black text looks on a background with the XYZ color 14.2896, 14.8710, 15.7529.

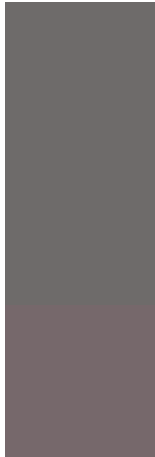


This preview shows how white text looks on a background with the XYZ color 14.2896, 14.8710,

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

14.2896, 14.8710, 15.7529

Protanopia

14.2896, 14.8710, 15.7529

Deuteranopia

15.0754, 14.8137, 15.9747



Tritanopia

14.7468, 14.9025, 18.0188

Trichromacy



Original Color

14.2896, 14.8710, 15.7529

Protanomaly

14.2896, 14.8710, 15.7529

Deuteranomaly

14.7756, 14.8095, 15.9897

Tritanomaly

14.5788, 14.8353, 17.1340

Monochromacy



Original Color

14.2896, 14.8710, 15.7529

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.3231, 15.0379, 16.0576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2896, 14.8710, 15.7529 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, 107, 106)` looks like.

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

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, 107, 106) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 14.2896, 14.8710, 15.7529 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, 107, 106) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 14.2896, 14.8710, 15.7529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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