

Converting Colors

XYZ(15.6793, 14.1162, 15.4569)

Have a look what the booklet for
XYZ(15.6793, 14.1162, 15.4569)
contains.

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Color

**XYZ(15.6286, 14.1020,
15.5339)**

Conversions

Conversions Part 1

Format	Color
Hex	7F616A
RGB	127, 97, 106
RGB Percent	50%, 38%, 42%
CMY	0.5020, 0.6196, 0.5843
CMYK	0.00, 0.24, 0.17, 0.50
HSL	342°, 13%, 44%
HSV	342°, 24%, 50%
XYZ	15.6286, 14.1020, 15.5339
YIQ	106.9960, 14.9910, 9.1590

Conversions

Conversions Part 2

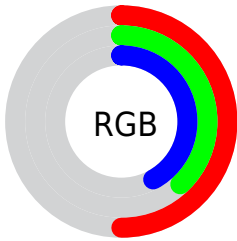
Format	Color
R_{YB}	127, 97, 106
Decimal	8348010
CIE _{Lab}	44.38, 13.67, -0.40
CIE _{LCh}	44, 13.677, 358.310
Yxy	14.1020, 0.3453, 0.3115
Android (android.graphics.Color)	4286538090 (0xFF7F616A)
YUV	106.9960, -0.4910, 17.5435
Hunter-Lab	37.5526, 8.5708, 1.7611

Details

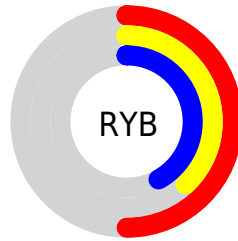
The XYZ color **15.6286, 14.1020, 15.5339** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.7897, 19.0285, 19.9811**, and the grayscale version is **13.9727, 14.7004, 16.0087**.

A 20% lighter version of the original color is **35.4981, 33.3174, 36.4582**, and **4.9906, 4.1748, 4.6804** is the 20% darker color. If you saturate the color by 10%, you get **14.1092, 11.7650, 12.8634**, and if you desaturate by 10%, it is **17.3847, 16.8353, 18.5202**.

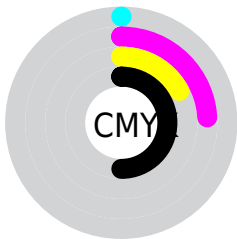
Distribution



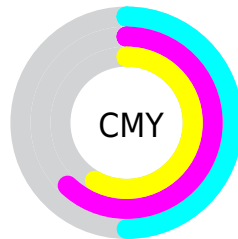
- Red (50%)
- Green (38%)
- Blue (42%)



- Red (50%)
- Yellow (38%)
- Blue (42%)



- Cyan (0%)
- Magenta (24%)
- Yellow (17%)
- Black (50%)



- Cyan (50%)
- Magenta (62%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6286, 14.1020, 15.5339 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 15.6286, 14.1020, 15.5339 by changing the saturation by 10% instead.

■ 15.6286, 14.1020,
15.5339

■ 15.6286, 14.1020,
15.5339

220.4538,
217.8645, 238.3265

■ 9.3509, 8.1916,
9.0442

■ 35.5149, 33.2699,
36.5426

■ 5.0297, 4.2178,
4.6728

■ 49.8542, 47.2962,
51.8986

■ 2.2996, 1.7961,
2.0012

■ 67.6115, 64.7967,
71.0471

■ 0.7945, 0.4848,
0.5560

■ 89.1520, 86.1556,
94.4067

■ 0.0000, 0.0000,
0.0000

114.8411,
111.7575, 122.3959

145.0442,

141.9867, 155.4333

180.1267,
177.2275, 193.9373

■ 15.6286, 14.1020,
15.5339

■ 15.6286, 14.1020,
15.5339

■ 14.1092, 11.7650,
12.8634

■ 17.3847, 16.8353,
18.5202

■ 12.8148, 9.8038,
10.4971

■ 19.3859, 19.9801,
21.8314

■ 11.7347, 8.1993,
8.4241

■ 21.6419, 23.5533,
25.4776

■ 10.8568, 6.9297,
6.6324

■ 24.1613, 27.5701,
29.4678

■ 10.1675, 5.9707,
5.1091

■ 26.9524, 32.0452,
33.8111

■ 9.6517, 5.2951,
3.8402

■ 30.0231, 36.9925,
38.5160

■ 9.2906, 4.8680,
2.8098

■ 33.3809, 42.4251,
43.5905

■ 9.1038, 4.6526,
2.2598

■ 37.0332, 48.3560,
49.0429

■ 40.9870, 54.7974,
54.8807

Harmonies

Analogous

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



15.2832, 14.1020, 18.7583



15.6286, 14.1020, 15.5339



15.3513, 14.1020, 12.6598

Triad

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



15.6286, 14.1020, 15.5339



12.4262, 14.1020, 10.6192



12.3238, 14.1020, 21.1012

Complementary

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



15.6286, 14.1020, 15.5339



15.7897, 19.0285, 19.9811

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.



11.6279, 14.1020, 18.4072



15.6286, 14.1020, 15.5339



11.6847, 14.1020, 12.3899

Square

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



15.6286, 14.1020, 15.5339



13.4660, 14.1020, 10.0652



11.4004, 14.1020, 15.1768



13.3413, 14.1020, 22.2330

Rectangle

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



15.6286, 14.1020, 15.5339



14.8587, 14.1020, 11.2644



11.4004, 14.1020, 15.1768



12.0466, 14.1020, 20.3317

Sweetspot

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



15.6290, 14.1026, 15.5342



33.3930, 33.6957, 36.9239



15.5772, 13.9339, 21.9473



7.7801, 7.8291, 8.5820



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.6290, 14.1026, 15.5342



26.5625, 23.0554, 25.3349



15.7608, 15.0762, 13.3893



4.3768, 4.3639, 4.7885



9.1808, 4.6920, 2.2761



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.6290, 14.1026, 15.5342



26.5625, 23.0554, 25.3349



15.5984, 17.7489, 22.6826



4.3768, 4.3639, 4.7885



9.1808, 4.6920, 2.2761



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.6286, 14.1020, 15.5339 looks on a white background.

Color Contrast Check

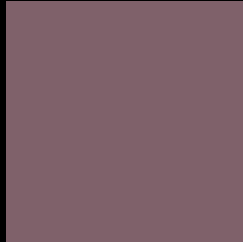
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.6286, 14.1020, 15.5339 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 15.6286, 14.1020, 15.5339

Background



This preview shows how black text looks on a background with the XYZ color 15.6286, 14.1020, 15.5339.



This preview shows how white text looks on a background with the XYZ color 15.6286, 14.1020,

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

15.6286, 14.1020, 15.5339

Protanopia

13.6917, 14.2322, 16.7773

Deuteranopia

14.3714, 14.1675, 15.3417



Tritanopia

15.5769, 14.0813, 15.2616

Trichromacy



Original Color

15.6286, 14.1020, 15.5339

Protanomaly

14.3217, 14.1176, 16.4381

Deuteranomaly

14.7147, 14.0562, 15.3022

Tritanomaly

15.5769, 14.0813, 15.2616

Monochromacy



Original Color

15.6286, 14.1020, 15.5339

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.4435, 14.3394, 15.9165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6286, 14.1020, 15.5339 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(127, 97, 106)` looks like.

```
.text, #text, p{  
    color:rgb(127, 97, 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(127, 97, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 97, 106) }
```

Border

The CSS property to change the border of an element to XYZ 15.6286, 14.1020, 15.5339 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(127, 97, 106) }
```


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

```
.border{ border-color:rgb(127, 97, 106) }
```

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

Here you see how a box with a 4 pixel rgb(127, 97, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 97, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 97, 106);  
box-shadow:4px 4px 4px 4px rgb(127, 97,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6286, 14.1020, 15.5339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 97, 106) }
```

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

```
.background{ background-color: rgb(127, 97,  
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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