

Converting Colors

XYZ(15.4327, 14.7503, 22.2837)

Have a look what the booklet for
XYZ(15.4327, 14.7503, 22.2837)
contains.

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Color

**XYZ(15.4286, 14.7038,
22.4470)**

Conversions

Conversions Part 1

Format	Color
Hex	706780
RGB	112, 103, 128
RGB Percent	44%, 40%, 50%
CMY	0.5608, 0.5961, 0.4980
CMYK	0.12, 0.20, 0.00, 0.50
HSL	262°, 11%, 45%
HSV	262°, 20%, 50%
XYZ	15.4286, 14.7038, 22.4470
YIQ	108.5410, -2.6610, 9.6830

Conversions

Conversions Part 2

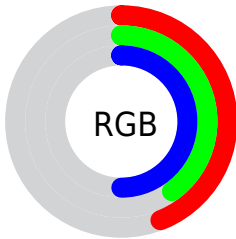
Format	Color
R_{YB}	112, 103, 128
Decimal	7366528
CIE Lab	45.23, 8.85, -12.59
CIE LCh	45, 15.385, 305.100
Yxy	14.7038, 0.2934, 0.2796
Android (android.graphics.Color)	4285556608 (0xFF706780)
YUV	108.5410, 9.5933, 3.0335
Hunter-Lab	38.3455, 4.7161, -7.8658

Details

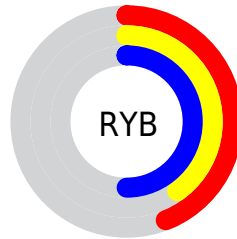
The XYZ color **15.4286, 14.7038, 22.4470** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.7757, 20.3400, 15.8219**, and the grayscale version is **14.3807, 15.1297, 16.4762**.

A 20% lighter version of the original color is **35.2059, 34.3399, 48.4888**, and **4.9398, 4.4828, 8.0021** is the 20% darker color. If you saturate the color by 10%, you get **13.2563, 11.8367, 22.0083**, and if you desaturate by 10%, it is **17.8916, 18.0109, 22.9557**.

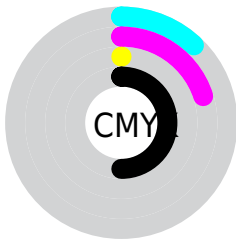
Distribution



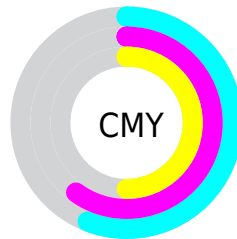
- Red (44%)
- Green (40%)
- Blue (50%)



- Red (44%)
- Yellow (40%)
- Blue (50%)



- Cyan (12%)
- Magenta (20%)
- Yellow (0%)
- Black (50%)



- Cyan (56%)
- Magenta (60%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4286, 14.7038, 22.4470 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 15.4286, 14.7038, 22.4470 by changing the saturation by 10% instead.

■ 15.4286, 14.7038,
22.4470

■ 15.4286, 14.7038,
22.4470

219.2833,
221.5663, 277.9011

■ 9.2090, 8.6118,
13.9843

■ 35.1689, 34.3327,
48.3953

■ 4.9360, 4.4888,
7.9711

■ 49.4202, 48.6384,
66.7180

■ 2.2441, 1.9506,
3.9890

■ 67.0796, 66.4507,
89.1644

■ 0.7658, 0.5785,
1.6193

■ 88.5122, 88.1541,
116.1530

■ 0.0000, 0.0000,
0.3045

114.0836,
114.1330, 148.1025

■ 0.0000, 0.0000,
0.0000

144.1590,

144.7717, 185.4313

179.1037,
180.4547, 228.5580

■ 15.4286, 14.7038,
22.4470

■ 15.4286, 14.7038,
22.4470

■ 13.2563, 11.8367,
22.0083

■ 17.8916, 18.0109,
22.9557

■ 11.3620, 9.3888,
21.6357

■ 20.6547, 21.7739,
23.5365

■ 9.7339, 7.3403,
21.3261

■ 23.7284, 26.0103,
24.1922

■ 8.3591, 5.6691,
21.0760

■ 27.1224, 30.7359,
24.9254

■ 7.2232, 4.3507,
20.8814

■ 30.8458, 35.9660,
25.7387

■ 6.3102, 3.3580,
20.7379

■ 34.9076, 41.7151,
26.6343

■ 5.6020, 2.6592,
20.6403

■ 39.3161, 47.9971,
27.6145

■ 5.0503, 2.1632,
20.5736

■ 44.0797, 54.8255,
28.6814

■ 5.0263, 2.1411,
20.5706

■ 49.2061, 62.2130,
29.8372

Harmonies

Analogous

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



14.1939, 14.7038, 24.0433



15.4286, 14.7038, 22.4470



16.3118, 14.7038, 19.1417

Triad

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



15.4286, 14.7038, 22.4470



15.0301, 14.7038, 10.4630



11.6796, 14.7038, 16.6403

Complementary

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



15.4286, 14.7038, 22.4470



17.7757, 20.3400, 15.8219

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.



11.8737, 14.7038, 13.2399



15.4286, 14.7038, 22.4470



13.7594, 14.7038, 10.0008

Square

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



15.4286, 14.7038, 22.4470



16.0721, 14.7038, 12.3128



12.6167, 14.7038, 10.9386



12.0697, 14.7038, 20.3818

Rectangle

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



15.4286, 14.7038, 22.4470



16.5550, 14.7038, 16.6153



12.6167, 14.7038, 10.9386



11.6790, 14.7038, 15.4195

Sweetspot

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



15.4291, 14.7044, 22.4473



33.0903, 33.8659, 40.7490



16.1170, 17.6959, 22.9885



7.6894, 7.8502, 9.5283



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.



15.4291, 14.7044, 22.4473



25.5747, 23.7788, 39.1981



17.0954, 15.5634, 22.5253



4.2436, 4.2812, 5.4160



4.9853, 2.1237, 20.3971



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.0827, 15.6223, 19.5687



29.0140, 25.6893, 33.1471



16.2013, 19.5283, 15.7482



4.4345, 4.3869, 5.0925



10.3351, 5.1537, 8.3545



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.4286, 14.7038, 22.4470 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 15.4286, 14.7038, 22.4470 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 15.4286, 14.7038, 22.4470

Background



This preview shows how black text looks on a background with the XYZ color 15.4286, 14.7038, 22.4470.



This preview shows how white text looks on a background with the XYZ color 15.4286, 14.7038,

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

15.4286, 14.7038, 22.4470

Protanopia

14.6628, 14.7446, 23.1923

Deuteranopia

15.0113, 14.7875, 22.4852



Tritanopia

14.6217, 14.8380, 18.0130

Trichromacy



Original Color

15.4286, 14.7038, 22.4470

Protanomaly

14.9579, 14.7523, 22.8280

Deuteranomaly

15.1533, 14.7104, 22.4628

Tritanomaly

14.9369, 14.8146, 19.5250

Monochromacy



Original Color

15.4286, 14.7038, 22.4470

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.8405, 15.0913, 18.6537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4286, 14.7038, 22.4470 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, 103, 128)` looks like.

```
.text, #text, p{  
    color:rgb(112, 103, 128)  
}
```

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, 103, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 103, 128) }
```

Border

The CSS property to change the border of an element to XYZ 15.4286, 14.7038, 22.4470 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, 103, 128) }
```


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

```
.border{ border-color:rgb(112, 103, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 103, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 103, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 103, 128);  
box-shadow:4px 4px 4px 4px rgb(112, 103,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4286, 14.7038, 22.4470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 103, 128) }
```

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

```
.background{ background-color: rgb(112,  
103, 128) }
```

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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