

Converting Colors

XYZ(15.8741, 15.2716, 15.7368)

Have a look what the booklet for
XYZ(15.8741, 15.2716, 15.7368)
contains.

XYZ(15.8640, 15.2263, 15.7385)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.8640, 15.2263,
15.7385)**

Conversions

Conversions Part 1

Format	Color
Hex	7C686A
RGB	124, 104, 106
RGB Percent	49%, 41%, 42%
CMY	0.5137, 0.5921, 0.5843
CMYK	0.00, 0.16, 0.15, 0.51
HSL	354°, 9%, 45%
HSV	354°, 16%, 49%
XYZ	15.8640, 15.2263, 15.7385
YIQ	110.2080, 11.2780, 4.8620

Conversions

Conversions Part 2

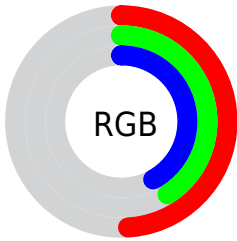
Format	Color
R_{YB}	124, 104, 106
Decimal	8153194
CIE _{Lab}	45.94, 8.30, 1.84
CIE _{LCh}	46, 8.499, 12.474
Yxy	15.2263, 0.3388, 0.3251
Android (android.graphics.Color)	4286343274 (0xFF7C686A)
YUV	110.2080, -2.0745, 12.0956
Hunter-Lab	39.0209, 4.2829, 3.4009

Details

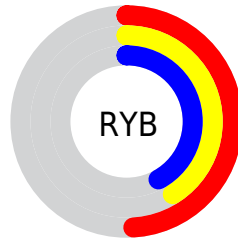
The XYZ color **15.8640, 15.2263, 15.7385** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.4300, 18.7639, 21.1691**, and the grayscale version is **14.8846, 15.6597, 17.0534**.

A 20% lighter version of the original color is **35.9386, 35.2241, 36.8031**, and **5.1542, 4.7379, 4.7805** is the 20% darker color. If you saturate the color by 10%, you get **14.1634, 12.6941, 12.4920**, and if you desaturate by 10%, it is **17.8246, 18.1572, 19.4448**.

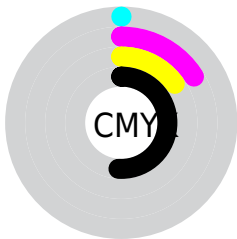
Distribution



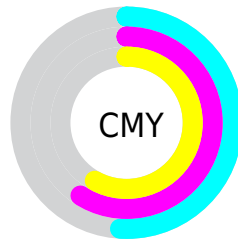
- Red (49%)
- Green (41%)
- Blue (42%)



- Red (49%)
- Yellow (41%)
- Blue (42%)



- Cyan (0%)
- Magenta (16%)
- Yellow (15%)
- Black (51%)



- Cyan (51%)
- Magenta (59%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8640, 15.2263, 15.7385 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 15.8640, 15.2263, 15.7385 by changing the saturation by 10% instead.

■ 15.8640, 15.2263,
15.7385

■ 15.8640, 15.2263,
15.7385

221.8241,
224.7319, 239.5865

■ 9.5182, 8.9784,
9.1870

■ 35.9213, 35.2497,
36.9041

■ 5.1405, 4.7271,
4.7648

■ 50.3635, 49.7939,
52.3552

■ 2.3655, 2.0880,
2.0536

■ 68.2352, 67.8724,
71.6099

■ 0.8279, 0.6579,
0.5880

■ 89.9018, 89.8695,
95.0868

■ 0.0000, 0.0000,
0.0000

115.7287,
116.1696, 123.2043

146.0811,

147.1571, 156.3811

181.3244,
183.2164, 195.0356

■ 15.8640, 15.2263,
15.7385

■ 15.8640, 15.2263,
15.7385

■ 14.1634, 12.6941,
12.4920

■ 17.8246, 18.1572,
19.4448

■ 12.7105, 10.5415,
9.6863

■ 20.0542, 21.5009,
23.6269

■ 11.4943, 8.7507,
7.3029

■ 22.5628, 25.2731,
28.3012

■ 10.5022, 7.3019,
5.3211

■ 25.3597, 29.4884,
33.4829

■ 9.7202, 6.1732,
3.7189

■ 28.4535, 34.1605,
39.1867

■ 9.1333, 5.3404,
2.4717

■ 31.8528, 39.3026,
45.4266

■ 8.7239, 4.7756,
1.5525

■ 35.5656, 44.9272,
52.2161

■ 8.4633, 4.4289,
0.9273

■ 39.5996, 51.0465,
59.5684

■ 8.3810, 4.3126,
0.7511

■ 43.9623, 57.6722,
67.4960

Harmonies

Analogous

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



15.8305, 15.2263, 17.7996



15.8640, 15.2263, 15.7385



15.5157, 15.2263, 14.0471

Triad

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



15.8640, 15.2263, 15.7385



13.5588, 15.2263, 13.8273



14.0599, 15.2263, 20.6470

Complementary

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



15.8640, 15.2263, 15.7385



16.4300, 18.7639, 21.1691

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.



13.4765, 15.2263, 19.3979



15.8640, 15.2263, 15.7385



13.1938, 15.2263, 15.4152

Square

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



15.8640, 15.2263, 15.7385



14.1757, 15.2263, 13.0066



13.1642, 15.2263, 17.4486



14.7727, 15.2263, 20.7518

Rectangle

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



15.8640, 15.2263, 15.7385



15.1203, 15.2263, 13.3106



13.1642, 15.2263, 17.4486



13.8428, 15.2263, 20.3426

Sweetspot

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



15.8644, 15.2270, 15.7388



31.7407, 32.5120, 34.9217



16.6149, 15.4941, 21.1839



7.4246, 7.5809, 8.1289



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.8644, 15.2270, 15.7388



26.8728, 25.2380, 25.7091



16.6055, 16.8734, 15.4792



4.0131, 4.0210, 4.2665



8.5195, 4.3840, 0.7607



40.4859, 20.8507, 2.8229

Inverse Universe

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



15.8644, 15.2270, 15.7388



26.8728, 25.2380, 25.7091



15.5930, 16.8896, 21.5071



4.0131, 4.0210, 4.2665



8.5195, 4.3840, 0.7607



40.4859, 20.8507, 2.8229

Previews

White Background



This preview shows how the XYZ color 15.8640, 15.2263, 15.7385 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 15.8640, 15.2263, 15.7385 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

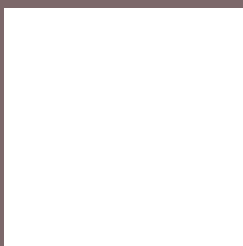
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.8640, 15.2263, 15.7385

Background



This preview shows how black text looks on a background with the XYZ color 15.8640, 15.2263, 15.7385.



This preview shows how white text looks on a background with the XYZ color 15.8640, 15.2263,

15.7385.

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

15.8640, 15.2263, 15.7385

Protanopia

14.6249, 15.1873, 16.3480

Deuteranopia

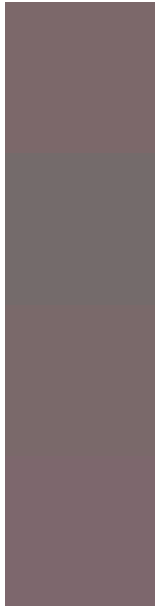
15.5383, 15.2087, 15.7523



Tritanopia

16.1769, 15.2082, 17.1218

Trichromacy



Original Color

15.8640, 15.2263, 15.7385

Protanomaly

15.1140, 15.2899, 16.0646

Deuteranomaly

15.6791, 15.2813, 15.7589

Tritanomaly

16.0680, 15.1646, 16.5482

Monochromacy



Original Color

15.8640, 15.2263, 15.7385

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.1931, 15.4741, 16.6540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8640, 15.2263, 15.7385 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(124, 104, 106) looks like.

```
.text, #text, p{  
    color:rgb(124, 104, 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(124, 104, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 104, 106) }
```

Border

The CSS property to change the border of an element to XYZ 15.8640, 15.2263, 15.7385 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(124, 104, 106) }
```


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

```
.border{ border-color:rgb(124, 104, 106) }
```

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

Here you see how a box with a 4 pixel rgb(124, 104, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 104, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 104, 106);  
box-shadow:4px 4px 4px 4px rgb(124, 104,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8640, 15.2263, 15.7385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 104, 106) }
```

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

```
.background{ background-color: rgb(124,  
104, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor