

Converting Colors

XYZ(15.2912, 15.8736, 14.6974)

Have a look what the booklet for
XYZ(15.2912, 15.8736, 14.6974)
contains.

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Color

**XYZ(15.2610, 15.8734,
14.5714)**

Conversions

Conversions Part 1

Format	Color
Hex	756E65
RGB	117, 110, 101
RGB Percent	46%, 43%, 40%
CMY	0.5412, 0.5686, 0.6039
CMYK	0.00, 0.06, 0.14, 0.54
HSL	34°, 7%, 43%
HSV	34°, 14%, 46%
XYZ	15.2610, 15.8734, 14.5714
YIQ	111.0670, 7.0610, -1.3150

Conversions

Conversions Part 2

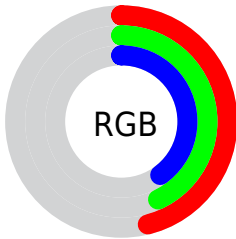
Format	Color
R_{YB}	113, 117, 101
Decimal	7695973
CIE Lab	46.81, 1.04, 5.99
CIE LCh	47, 6.078, 80.190
Yxy	15.8734, 0.3339, 0.3473
Android (android.graphics.Color)	4285886053 (0xFF756E65)
YUV	111.0670, -4.9630, 5.2032
Hunter-Lab	39.8414, -1.3493, 6.2046

Details

The XYZ color **15.2610, 15.8734, 14.5714** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.9401, 14.7757, 18.9470**, and the grayscale version is **15.1418, 15.9303, 17.3481**.

A 20% lighter version of the original color is **34.9500, 36.5427, 34.9171**, and **4.8976, 5.0866, 4.2137** is the 20% darker color. If you saturate the color by 10%, you get **14.1920, 14.5883, 11.5854**, and if you desaturate by 10%, it is **16.4444, 17.2563, 17.9987**.

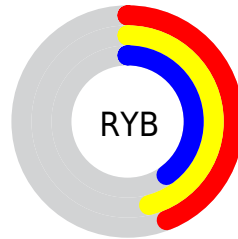
Distribution



Red (46%)

Green (43%)

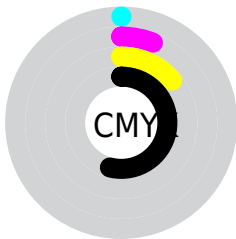
Blue (40%)



Red (44%)

Yellow (46%)

Blue (40%)

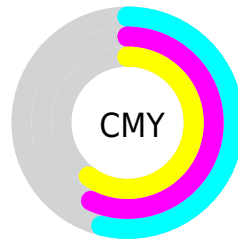


Cyan (0%)

Magenta (6%)

Yellow (14%)

Black (54%)



Cyan (54%)

Magenta (57%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2610, 15.8734, 14.5714 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 15.2610, 15.8734, 14.5714 by changing the saturation by 10% instead.

■ 15.2610, 15.8734,
14.5714

■ 15.2610, 15.8734,
14.5714

218.2978,
228.5935, 232.3079

■ 9.0903, 9.4346,
8.3759

■ 34.8783, 36.3783,
34.8311

■ 4.8577, 5.0257,
4.2452

■ 49.0556, 51.2132,
49.7324

■ 2.1979, 2.2624,
1.7608

■ 66.6325, 69.6155,
68.3727

■ 0.7416, 0.7537,
0.4019

■ 87.9743, 91.9698,
91.1705

■ 0.0000, 0.0000,
0.0000

113.4463,
118.6603, 118.5443

143.4140,

150.0715, 150.9128

178.2427,
186.5878, 188.6945

■ 15.2610, 15.8734,
14.5714

■ 15.2610, 15.8734,
14.5714

■ 14.1920, 14.5883,
11.5854

■ 16.4444, 17.2563,
17.9987

■ 13.2322, 13.3966,
9.0213

■ 17.7446, 18.7372,
21.8833

■ 12.3776, 12.2962,
6.8599

■ 19.1657, 20.3192,
26.2420

■ 11.6239, 11.2846,
5.0803

■ 20.7109, 22.0043,
31.0900

■ 10.9661, 10.3588,
3.6592

■ 22.3837, 23.7946,
36.4423

■ 10.3988, 9.5157,
2.5712

■ 24.1871, 25.6922,
42.3128

■ 9.9158, 8.7519,
1.7873

■ 26.1242, 27.6989,
48.7152

■ 9.5091, 8.0630,
1.2677

■ 28.1977, 29.8167,
55.6625

■ 9.2747, 7.6590,
0.9895

■ 30.4107, 32.0475,
63.1673

Harmonies

Analogous

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



15.7472, 15.8734, 15.1429



15.2610, 15.8734, 14.5714



14.7392, 15.8734, 14.6933

Triad

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



15.2610, 15.8734, 14.5714



14.1534, 15.8734, 18.3074



15.8813, 15.8734, 19.2145

Complementary

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



15.2610, 15.8734, 14.5714



13.9401, 14.7757, 18.9470

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.



15.4406, 15.8734, 20.1613



15.2610, 15.8734, 14.5714



14.4459, 15.8734, 19.6168

Square

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



15.2610, 15.8734, 14.5714



14.1079, 15.8734, 16.7923



14.9147, 15.8734, 20.3127



16.1108, 15.8734, 17.7841

Rectangle

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



15.2610, 15.8734, 14.5714



14.4409, 15.8734, 15.1542



14.9147, 15.8734, 20.3127



15.7525, 15.8734, 19.6033

Sweetspot

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



15.2614, 15.8741, 14.5717



29.3520, 30.7912, 31.9507



14.7074, 14.1764, 16.2045



6.7166, 7.0426, 7.2523



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



15.2614, 15.8741, 14.5717



26.7844, 27.7783, 24.5520



15.9394, 17.3890, 14.8284



3.8389, 4.0108, 3.9141



10.2031, 8.4074, 1.0850



48.8566, 39.2418, 4.9994

Inverse Universe

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



13.9401, 14.7757, 18.9470



23.9956, 25.4601, 33.7866



13.3216, 13.4050, 18.7150



3.6202, 3.8290, 4.6385



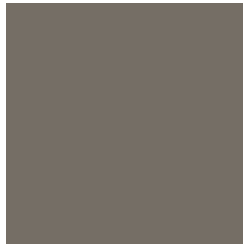
4.8350, 4.0097, 19.0617



22.7388, 17.8942, 92.6157

Previews

White Background



This preview shows how the XYZ color 15.2610, 15.8734, 14.5714 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 15.2610, 15.8734, 14.5714 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

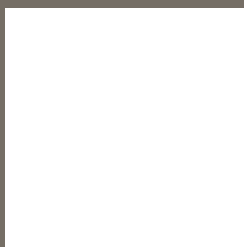
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.2610, 15.8734, 14.5714

Background



This preview shows how black text looks on a background with the XYZ color 15.2610, 15.8734, 14.5714.



This preview shows how white text looks on a background with the XYZ color 15.2610, 15.8734,

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

15.2610, 15.8734, 14.5714

Protanopia

15.1036, 15.9533, 14.5952

Deuteranopia

16.1134, 15.8347, 14.7775



Tritanopia

16.1227, 15.9080, 18.7438

Trichromacy



Original Color

15.2610, 15.8734, 14.5714

Protanomaly

15.2359, 16.0215, 14.6014

Deuteranomaly

15.7869, 15.8220, 14.7923

Tritanomaly

15.8091, 15.9365, 17.2818

Monochromacy



Original Color

15.2610, 15.8734, 14.5714

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.1483, 15.9411, 16.1885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2610, 15.8734, 14.5714 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(117, 110, 101)` looks like.

```
.text, #text, p{  
    color:rgb(117, 110, 101)  
}
```

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(117, 110, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 110, 101) }
```

Border

The CSS property to change the border of an element to XYZ 15.2610, 15.8734, 14.5714 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(117, 110, 101) }
```


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

```
.border{ border-color:rgb(117, 110, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 110, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 110, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 110, 101);  
box-shadow:4px 4px 4px 4px rgb(117, 110,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2610, 15.8734, 14.5714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 110, 101) }
```

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

```
.background{ background-color: rgb(117,  
110, 101) }
```

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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