

Converting Colors

XYZ(15.4416, 15.7922, 15.1988)

Have a look what the booklet for
XYZ(15.4416, 15.7922, 15.1988)
contains.

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Color

**XYZ(15.4385, 15.7883,
15.3305)**

Conversions

Conversions Part 1

Format	Color
Hex	766D68
RGB	118, 109, 104
RGB Percent	46%, 43%, 41%
CMY	0.5373, 0.5725, 0.5922
CMYK	0.00, 0.08, 0.12, 0.54
HSL	21°, 6%, 44%
HSV	21°, 12%, 46%
XYZ	15.4385, 15.7883, 15.3305
YIQ	111.1210, 6.9690, 0.3530

Conversions

Conversions Part 2

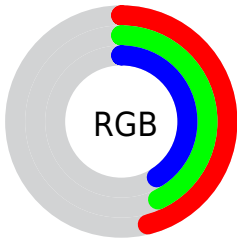
Format	Color
RYB	118, 112, 104
Decimal	7761256
CIELab	46.70, 2.57, 4.05
CIELCh	47, 4.796, 57.597
Yxy	15.7883, 0.3316, 0.3391
Android (android.graphics.Color)	4285951336 (0xFF766D68)
YUV	111.1210, -3.5107, 6.0329
Hunter-Lab	39.7345, -0.1807, 4.9387

Details

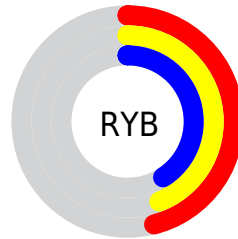
The XYZ color **15.4385, 15.7883, 15.3305** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.8840, 16.0609, 19.4552**, and the grayscale version is **15.1533, 15.9425, 17.3614**.

A 20% lighter version of the original color is **35.0648, 36.0542, 36.1214**, and **4.9869, 5.0427, 4.5814** is the 20% darker color. If you saturate the color by 10%, you get **14.1063, 14.0168, 12.1334**, and if you desaturate by 10%, it is **16.9253, 17.7344, 18.9934**.

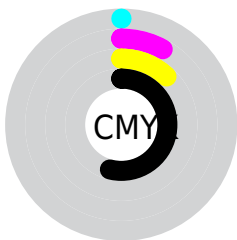
Distribution



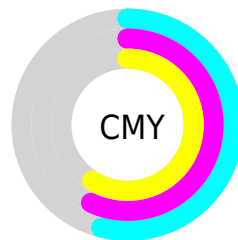
- Red (46%)
- Green (43%)
- Blue (41%)



- Red (46%)
- Yellow (44%)
- Blue (41%)



- Cyan (0%)
- Magenta (8%)
- Yellow (12%)
- Black (54%)



- Cyan (54%)
- Magenta (57%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4385, 15.7883, 15.3305 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 15.4385, 15.7883, 15.3305 by changing the saturation by 10% instead.

■ 15.4385, 15.7883,
15.3305

■ 15.4385, 15.7883,
15.3305

219.3414,
228.0893, 237.0673

■ 9.2160, 9.3745,
8.9025

■ 35.1860, 36.2303,
36.1824

■ 4.9406, 4.9862,
4.5817

■ 49.4417, 51.0272,
51.4434

■ 2.2468, 2.2392,
1.9496

■ 67.1059, 69.3874,
70.4857

■ 0.7673, 0.7412,
0.5240

■ 88.5440, 91.6950,
93.7280

■ 0.0000, 0.0000,
0.0000

114.1212,
118.3347, 121.5888

144.2029,

149.6907, 154.4866

179.1545,
186.1474, 192.8399

■ 15.4385, 15.7883,
15.3305

■ 15.4385, 15.7883,
15.3305

■ 14.1063, 14.0168,
12.1334

■ 16.9253, 17.7344,
18.9934

■ 12.9222, 12.4129,
9.3822

■ 18.5703, 19.8576,
23.1388

■ 11.8810, 10.9722,
7.0572

■ 20.3787, 22.1633,
27.7839

■ 10.9769, 9.6892,
5.1366

■ 22.3551, 24.6557,
32.9446

■ 10.2035, 8.5583,
3.5969

■ 24.5037, 27.3389,
38.6363

■ 9.5539, 7.5733,
2.4119

■ 26.8287, 30.2172,
44.8735

■ 9.0205, 6.7276,
1.5522

■ 29.3342, 33.2943,
51.6705

■ 8.5945, 6.0139,
0.9835

■ 32.0240, 36.5741,
59.0406

■ 8.3050, 5.5191,
0.6276

■ 34.9019, 40.0603,
66.9971

Harmonies

Analogous

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



15.7255, 15.7883, 16.1525



15.4385, 15.7883, 15.3305



15.0398, 15.7883, 15.0046

Triad

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



15.4385, 15.7883, 15.3305



14.2222, 15.7883, 17.0950



15.3794, 15.7883, 19.2992

Complementary

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



15.4385, 15.7883, 15.3305



14.8840, 16.0609, 19.4552

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.



14.9728, 15.7883, 19.5796



15.4385, 15.7883, 15.3305



14.3094, 15.7883, 18.2726

Square

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



15.4385, 15.7883, 15.3305



14.3419, 15.7883, 15.9936



14.5823, 15.7883, 19.1958



15.6910, 15.7883, 18.4462

Rectangle

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



15.4385, 15.7883, 15.3305



14.7661, 15.7883, 15.1008



14.5823, 15.7883, 19.1958



15.2491, 15.7883, 19.4652

Sweetspot

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



15.4389, 15.7890, 15.3308



29.1519, 30.3912, 31.8840



15.4079, 14.9469, 17.7254



6.6638, 6.9369, 7.2347



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

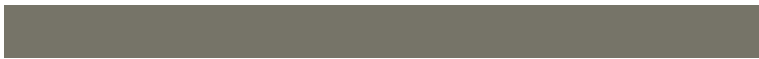
The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.4389, 15.7890, 15.3308



26.5395, 26.9598, 25.4844



16.2039, 17.3188, 15.5858



3.7811, 3.8953, 3.8949



8.9737, 5.9486, 0.6752



42.9854, 27.4993, 3.0423

Inverse Universe

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



14.8840, 16.0609, 19.4552



25.3783, 27.5284, 34.1129



14.1435, 14.5800, 19.2083



3.6785, 3.9456, 4.6579



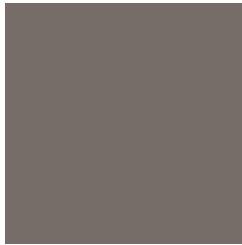
6.3095, 6.9587, 19.5532



29.9158, 32.2482, 95.0081

Previews

White Background



This preview shows how the XYZ color 15.4385, 15.7883, 15.3305 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 15.4385, 15.7883, 15.3305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

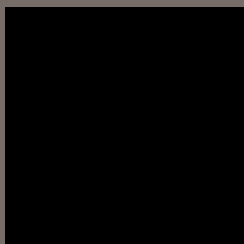
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.4385, 15.7883, 15.3305

Background



This preview shows how black text looks on a background with the XYZ color 15.4385, 15.7883, 15.3305.

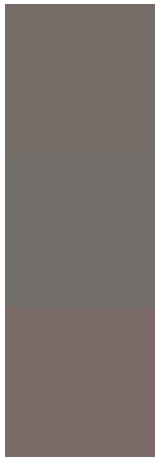


This preview shows how white text looks on a background with the XYZ color 15.4385, 15.7883,

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

15.4385, 15.7883, 15.3305

Protanopia

15.0652, 15.7492, 15.6105

Deuteranopia

16.0686, 15.8000, 15.2995



Tritanopia

16.1558, 15.7694, 18.7153

Trichromacy



Original Color

15.4385, 15.7883, 15.3305

Protanomaly

15.1960, 15.8166, 15.6166

Deuteranomaly

15.8873, 15.8622, 15.3211

Tritanomaly

15.8949, 15.8169, 17.5444

Monochromacy



Original Color

15.4385, 15.7883, 15.3305

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.2221, 15.8120, 16.4371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4385, 15.7883, 15.3305 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(118, 109, 104)` looks like.

```
.text, #text, p{  
    color:rgb(118, 109, 104)  
}
```

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(118, 109, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 109, 104) }
```

Border

The CSS property to change the border of an element to XYZ 15.4385, 15.7883, 15.3305 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(118, 109, 104) }
```


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

```
.border{ border-color:rgb(118, 109, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 109, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 109, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 109, 104);  
box-shadow:4px 4px 4px 4px rgb(118, 109,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4385, 15.7883, 15.3305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 109, 104) }
```

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

```
.background{ background-color: rgb(118,  
109, 104) }
```

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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