

Converting Colors

XYZ(16.2448, 16.1496, 14.2342)

Have a look what the booklet for
XYZ(16.2448, 16.1496, 14.2342)
contains.

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Color

**XYZ(16.3731, 16.2930,
14.3385)**

Conversions

Conversions Part 1

Format	Color
Hex	7E6D64
RGB	126, 109, 100
RGB Percent	49%, 43%, 39%
CMY	0.5059, 0.5725, 0.6078
CMYK	0.00, 0.13, 0.21, 0.51
HSL	21°, 12%, 44%
HSV	21°, 21%, 49%
XYZ	16.3731, 16.2930, 14.3385
YIQ	113.0570, 13.0210, 0.8050

Conversions

Conversions Part 2

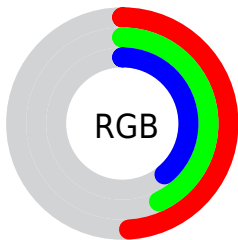
Format	Color
R_{YB}	126, 114, 100
Decimal	8285540
CIE _{Lab}	47.36, 5.12, 7.48
CIE _{LCh}	47, 9.066, 55.630
Yxy	16.2930, 0.3483, 0.3466
Android (android.graphics.Color)	4286475620 (0xFF7E6D64)
YUV	113.0570, -6.4371, 11.3510
Hunter-Lab	40.3646, 1.7670, 7.1939

Details

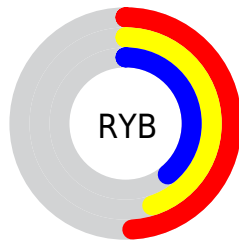
The XYZ color **16.3731, 16.2930, 14.3385** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.3826, 16.9379, 22.1975**, and the grayscale version is **15.7291, 16.5482, 18.0210**.

A 20% lighter version of the original color is **36.7471, 36.9597, 34.4753**, and **5.4258, 5.2801, 4.1013** is the 20% darker color. If you saturate the color by 10%, you get **14.9720, 14.3923, 11.0918**, and if you desaturate by 10%, it is **17.9518, 18.3976, 18.1102**.

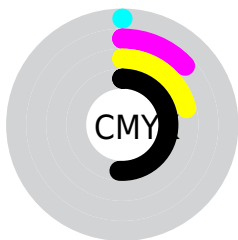
Distribution



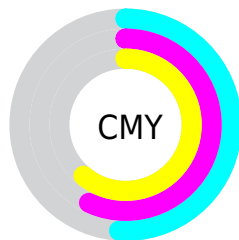
- Red (49%)
- Green (43%)
- Blue (39%)



- Red (49%)
- Yellow (45%)
- Blue (39%)



- Cyan (0%)
- Magenta (13%)
- Yellow (21%)
- Black (51%)



- Cyan (51%)
- Magenta (57%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3731, 16.2930, 14.3385 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 16.3731, 16.2930, 14.3385 by changing the saturation by 10% instead.

■ 16.3731, 16.2930,
14.3385

■ 16.3731, 16.2930,
14.3385

224.7607,
231.0645, 230.8278

■ 9.8811, 9.7317,
8.2150

■ 36.7970, 37.1061,
34.4142

■ 5.3818, 5.2214,
4.1431

■ 51.4595, 52.1268,
49.2035

■ 2.5100, 2.3778,
1.7042

■ 69.5763, 70.7360,
67.7185

■ 0.9003, 0.8144,
0.3636

■ 91.5126, 93.3182,
90.3777

■ 0.0000, 0.0000,
0.0000

117.6338,
120.2577, 117.5997

148.3054,

151.9390, 149.8030

183.8925,
188.7465, 187.4062

■ 16.3731, 16.2930,
14.3385

■ 16.3731, 16.2930,
14.3385

■ 14.9720, 14.3923,
11.0918

■ 17.9518, 18.3976,
18.1102

■ 13.7405, 12.6871,
8.3456

■ 19.7131, 20.7100,
22.4279

■ 12.6723, 11.1716,
6.0748

■ 21.6631, 23.2364,
27.3126

■ 11.7596, 9.8388,
4.2519

■ 23.8076, 25.9825,
32.7841

■ 10.9942, 8.6813,
2.8465

■ 26.1519, 28.9534,
38.8611

■ 10.3672, 7.6911,
1.8243

■ 28.7012, 32.1542,
45.5614

■ 9.8682, 6.8594,
1.1453

■ 31.4604, 35.5899,
52.9022

■ 9.4911, 6.2094,
0.6983

■ 34.4344, 39.2651,
60.8999

■ 37.6278, 43.1846,
69.5705

Harmonies

Analogous

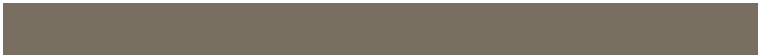
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16.9186, 16.2930, 15.8974



16.3731, 16.2930, 14.3385



15.6038, 16.2930, 13.6905

Triad

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



16.3731, 16.2930, 14.3385



13.9985, 16.2930, 17.4059



16.1628, 16.2930, 22.0281

Complementary

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



16.3731, 16.2930, 14.3385



15.3826, 16.9379, 22.1975

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.



15.3688, 16.2930, 22.5190



16.3731, 16.2930, 14.3385



14.1367, 16.2930, 19.7204

Square

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



16.3731, 16.2930, 14.3385



14.2475, 16.2930, 15.3618



14.6316, 16.2930, 21.6416



16.7942, 16.2930, 20.3525

Rectangle

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



16.3731, 16.2930, 14.3385



15.0742, 16.2930, 13.8175



14.6316, 16.2930, 21.6416



15.9053, 16.2930, 22.3430

Sweetspot

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



16.3735, 16.2937, 14.3388



32.9517, 34.1669, 35.1721



16.3921, 14.8424, 18.9337



7.4605, 7.7259, 7.9151



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.



16.3735, 16.2937, 14.3388



27.5615, 26.9798, 22.2975



17.8233, 19.1933, 14.8221



4.4401, 4.5689, 4.5680



9.7332, 6.3628, 0.7151



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.3826, 16.9379, 22.1975



25.4706, 28.3364, 38.8714



14.0056, 14.1838, 21.7384



4.3250, 4.6440, 5.4817



6.9838, 7.7861, 21.3847



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.3731, 16.2930, 14.3385 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 16.3731, 16.2930, 14.3385 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 16.3731, 16.2930, 14.3385

Background



This preview shows how black text looks on a background with the XYZ color 16.3731, 16.2930, 14.3385.

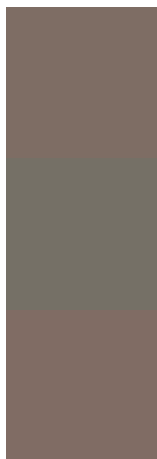


This preview shows how white text looks on a background with the XYZ color 16.3731, 16.2930,

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

16.3731, 16.2930, 14.3385

Protanopia

15.5286, 16.3296, 14.9038

Deuteranopia

16.5649, 16.2344, 14.3171



Tritanopia

17.2543, 16.3424, 18.4647

Trichromacy



Original Color

16.3731, 16.2930, 14.3385

Protanomaly

15.7791, 16.3015, 14.6268

Deuteranomaly

16.4152, 16.1573, 14.3101

Tritanomaly

16.9294, 16.3629, 17.0179

Monochromacy



Original Color

16.3731, 16.2930, 14.3385

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.9722, 16.5226, 16.5347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3731, 16.2930, 14.3385 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(126, 109, 100)` looks like.

```
.text, #text, p{  
    color:rgb(126, 109, 100)  
}
```

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(126, 109, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 109, 100) }
```

Border

The CSS property to change the border of an element to XYZ 16.3731, 16.2930, 14.3385 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(126, 109, 100) }
```


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

```
.border{ border-color:rgb(126, 109, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 109, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 109, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 109, 100);  
box-shadow:4px 4px 4px 4px rgb(126, 109,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3731, 16.2930, 14.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 109, 100) }
```

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

```
.background{ background-color: rgb(126,  
109, 100) }
```

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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