

Converting Colors

XYZ(14.2053, 15.2702, 8.3308)

Have a look what the booklet for
XYZ(14.2053, 15.2702, 8.3308)
contains.

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Color

**XYZ(14.2461, 15.3271,
8.3385)**

Conversions

Conversions Part 1

Format	Color
Hex	776D48
RGB	119, 109, 72
RGB Percent	47%, 43%, 28%
CMY	0.5333, 0.5725, 0.7176
CMYK	0.00, 0.08, 0.39, 0.53
HSL	47°, 25%, 37%
HSV	47°, 39%, 47%
XYZ	14.2461, 15.3271, 8.3385
YIQ	107.7720, 17.8370, -9.3870

Conversions

Conversions Part 2

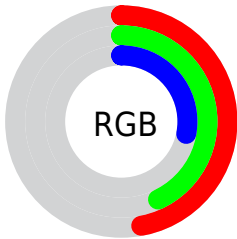
Format	Color
R_{YB}	85, 119, 72
Decimal	7826760
CIE Lab	46.08, -1.99, 22.10
CIE LCh	46, 22.189, 95.133
Yxy	15.3271, 0.3758, 0.4043
Android (android.graphics.Color)	4286016840 (0xFF776D48)
YUV	107.7720, -17.6356, 9.8470
Hunter-Lab	39.1498, -3.5585, 14.7767

Details

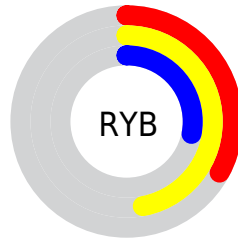
The XYZ color **14.2461, 15.3271, 8.3385** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.0195, 8.7440, 18.6652**, and the grayscale version is **14.2346, 14.9760, 16.3088**.

A 20% lighter version of the original color is **33.0353, 35.2927, 23.1602**, and **4.3747, 4.7896, 1.7308** is the 20% darker color. If you saturate the color by 10%, you get **13.6289, 14.6549, 6.3994**, and if you desaturate by 10%, it is **14.9471, 16.0463, 10.6767**.

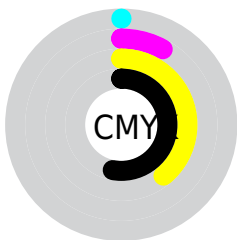
Distribution



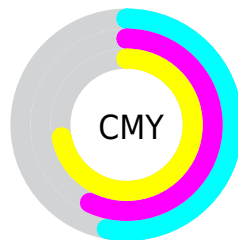
- Red (47%)
- Green (43%)
- Blue (28%)



- Red (33%)
- Yellow (47%)
- Blue (28%)



- Cyan (0%)
- Magenta (8%)
- Yellow (39%)
- Black (53%)



- Cyan (53%)
- Magenta (57%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2461, 15.3271, 8.3385 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 14.2461, 15.3271, 8.3385 by changing the saturation by 10% instead.

■ 14.2461, 15.3271,
8.3385

■ 14.2461, 15.3271,
8.3385

212.2366,
225.3376, 188.3961

■ 8.3749, 9.0493,
4.2214

■ 33.1077, 35.4260,
23.1764

■ 4.3896, 4.7733,
1.7476

■ 46.8288, 50.0159,
34.7344

■ 1.9248, 2.1149,
0.3930

■ 63.8972, 68.1452,
49.6097

■ 0.5912, 0.6730,
0.0000

■ 84.6783, 90.1984,
68.2210

■ 0.0000, 0.0000,
0.0000

■ 109.5374,
116.5598, 90.9867

138.8399,

147.6139, 118.3255

172.9512,
183.7450, 150.6557

■ 14.2461, 15.3271,
8.3385

■ 14.2461, 15.3271,
8.3385

■ 13.6289, 14.6549,
6.3994

■ 14.9471, 16.0463,
10.6767

■ 13.0898, 14.0257,
4.8355

■ 15.7347, 16.8122,
13.4342

■ 12.6244, 13.4383,
3.6218

■ 16.6131, 17.6271,
16.6309

■ 12.2272, 12.8902,
2.7298

■ 17.5858, 18.4925,
20.2853

■ 11.8919, 12.3790,
2.1267

■ 18.6563, 19.4098,
24.4145

■ 11.5974, 11.8960,
1.7022

■ 19.8277, 20.3804,
29.0351

■ 11.5828, 11.8720,
1.6810

■ 21.1030, 21.4055,
34.1627

■ 22.4850, 22.4866,
39.8122

■ 23.9767, 23.6247,
45.9979

Harmonies

Analogous

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



16.1457, 15.3271, 8.9318



14.2461, 15.3271, 8.3385



12.5803, 15.3271, 9.5580

Triad

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



14.2461, 15.3271, 8.3385



11.8005, 15.3271, 23.4027



18.1097, 15.3271, 21.4448

Complementary

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



14.2461, 15.3271, 8.3385



9.0195, 8.7440, 18.6652

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.



16.7547, 15.3271, 26.6976



14.2461, 15.3271, 8.3385



13.0965, 15.3271, 27.9880

Square

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



14.2461, 15.3271, 8.3385



11.2482, 15.3271, 17.6346



14.8946, 15.3271, 29.3079



18.4839, 15.3271, 15.7771

Rectangle

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



14.2461, 15.3271, 8.3385



11.7921, 15.3271, 11.4304



14.8946, 15.3271, 29.3079



17.7484, 15.3271, 23.3532

Sweetspot

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



14.2465, 15.3278, 8.3388



29.2905, 31.1462, 28.0913



11.4552, 9.1689, 9.1855



6.9041, 7.3469, 6.5203



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.2465, 15.3278, 8.3388



24.5412, 26.3951, 11.8723



13.6729, 16.7064, 8.6351



3.9037, 4.1404, 3.9357



12.2990, 12.5993, 1.7837



59.2969, 60.1224, 8.4795

Inverse Universe

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



9.0195, 8.7440, 18.6652



13.8478, 12.9326, 33.0195



9.4224, 7.9130, 18.4835



3.5580, 3.7046, 4.6178



3.9079, 2.1554, 18.7526



18.5198, 9.4562, 91.2094

Previews

White Background



This preview shows how the XYZ color 14.2461, 15.3271, 8.3385 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 14.2461, 15.3271, 8.3385 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 14.2461, 15.3271, 8.3385

Background



This preview shows how black text looks on a background with the XYZ color 14.2461, 15.3271, 8.3385.



This preview shows how white text looks on a background with the XYZ color 14.2461, 15.3271,

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

14.2461, 15.3271, 8.3385

Protanopia

14.2461, 15.3271, 8.3385

Deuteranopia

15.5130, 15.2070, 8.4209



Tritanopia

16.0433, 15.2814, 17.4333

Trichromacy



Original Color

14.2461, 15.3271, 8.3385

Protanomaly

14.2461, 15.3271, 8.3385

Deuteranomaly

15.1090, 15.3011, 8.4604

Tritanomaly

15.3377, 15.3087, 13.4558

Monochromacy



Original Color

14.2461, 15.3271, 8.3385

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.1102, 14.9961, 12.9773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2461, 15.3271, 8.3385 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(119, 109, 72)` looks like.

```
.text, #text, p{  
    color:rgb(119, 109, 72)  
}
```

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(119, 109, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 109, 72) }
```

Border

The CSS property to change the border of an element to XYZ 14.2461, 15.3271, 8.3385 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(119, 109, 72) }
```


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

```
.border{ border-color:rgb(119, 109, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 109, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 109, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 109, 72);  
box-shadow:4px 4px 4px 4px rgb(119, 109,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2461, 15.3271, 8.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 109, 72) }
```

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

```
.background{ background-color: rgb(119,  
109, 72) }
```

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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