

Converting Colors

XYZ(14.3555, 16.2671, 4.1172)

Have a look what the booklet for
XYZ(14.3555, 16.2671, 4.1172)
contains.

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Color

**XYZ(14.3773, 16.3058,
4.1398)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7225
RGB	122, 114, 37
RGB Percent	48%, 45%, 15%
CMY	0.5216, 0.5529, 0.8549
CMYK	0.00, 0.07, 0.70, 0.52
HSL	54°, 53%, 31%
HSV	54°, 70%, 48%
XYZ	14.3773, 16.3058, 4.1398
YIQ	107.6140, 29.4850, -22.2510

Conversions

Conversions Part 2

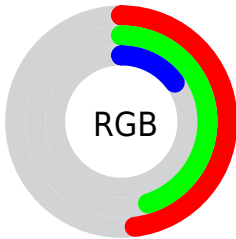
Format	Color
R_{YB}	46, 122, 37
Decimal	8024613
CIE Lab	47.37, -6.75, 42.01
CIE LCh	47, 42.551, 99.128
Yxy	16.3058, 0.4129, 0.4682
Android (android.graphics.Color)	4286214693 (0xFF7A7225)
YUV	107.6140, -34.8127, 12.6165
Hunter-Lab	40.3804, -7.1115, 22.1879

Details

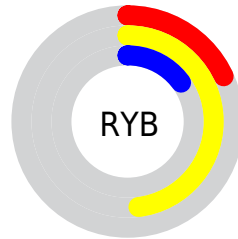
The XYZ color **14.3773, 16.3058, 4.1398** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **5.2142, 3.6751, 18.8468**, and the grayscale version is **14.2347, 14.9760, 16.3089**.

A 20% lighter version of the original color is **33.4880, 37.3077, 14.4529**, and **4.4740, 5.1985, 0.7676** is the 20% darker color. If you saturate the color by 10%, you get **14.0884, 15.9850, 3.2514**, and if you desaturate by 10%, it is **14.7327, 16.6570, 5.3668**.

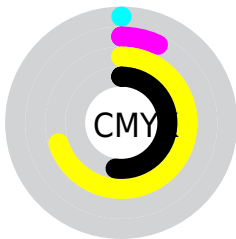
Distribution



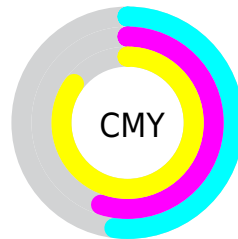
- Red (48%)
- Green (45%)
- Blue (15%)



- Red (18%)
- Yellow (48%)
- Blue (15%)



- Cyan (0%)
- Magenta (7%)
- Yellow (70%)
- Black (52%)



- Cyan (52%)
- Magenta (55%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3773, 16.3058, 4.1398 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 14.3773, 16.3058, 4.1398 by changing the saturation by 10% instead.

■ 14.3773, 16.3058,
4.1398

■ 14.3773, 16.3058,
4.1398

213.0295,
231.1395, 149.7668

■ 8.4670, 9.7408,
1.7023

■ 33.3377, 37.1283,
14.3309

■ 4.4495, 5.2274,
0.3623

■ 47.1185, 52.1545,
22.9217

■ 1.9594, 2.3813,
0.0000

■ 64.2536, 70.7700,
34.4006

■ 0.6110, 0.8163,
0.0000

■ 85.1082, 93.3591,
49.1862

■ 0.0000, 0.0000,
0.0000

■ 110.0477,
120.3062, 67.6971

■ 139.4376,

151.9957, 90.3518

173.6431,
188.8120, 117.5689

■ 14.3773, 16.3058,
4.1398

■ 14.3773, 16.3058,
4.1398

■ 14.0884, 15.9850,
3.2514

■ 14.7327, 16.6570,
5.3668

■ 13.8581, 15.6896,
2.6655

■ 15.1591, 17.0387,
6.9617

■ 13.6648, 15.4116,
2.2661

■ 15.6621, 17.4535,
8.9519

■ 13.6585, 15.4025,
2.2531

■ 16.2464, 17.9036,
11.3618

■ 16.9162, 18.3904,
14.2139

■ 17.6755, 18.9157,
17.5291

■ 18.5280, 19.4810,
21.3269

■ 19.4772, 20.0876,
25.6257

■ 20.5264, 20.7368,
30.4431

Harmonies

Analogous

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



18.2244, 16.3058, 4.5700



14.3773, 16.3058, 4.1398



11.3622, 16.3058, 6.0351

Triad

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



14.3773, 16.3058, 4.1398



10.5314, 16.3058, 34.3244



23.2984, 16.3058, 26.2170

Complementary

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



14.3773, 16.3058, 4.1398



5.2142, 3.6751, 18.8468

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.



20.5327, 16.3058, 39.1952



14.3773, 16.3058, 4.1398



13.0584, 16.3058, 45.0435

Square

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



14.3773, 16.3058, 4.1398



9.3907, 16.3058, 21.2525



16.6758, 16.3058, 47.1177



23.8053, 16.3058, 14.6626

Rectangle

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



14.3773, 16.3058, 4.1398



10.0758, 16.3058, 9.0961



16.6758, 16.3058, 47.1177



22.5829, 16.3058, 30.6659

Sweetspot

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



14.3777, 16.3066, 4.1401



29.5329, 32.1922, 24.0254



9.1710, 5.6542, 3.1416



6.6928, 7.3177, 5.2366



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.



14.3777, 16.3066, 4.1401



24.5172, 27.7873, 5.0078



11.3180, 16.1273, 4.2668



4.2771, 4.5726, 4.2817



14.3771, 16.2101, 2.3711



68.2446, 76.6526, 11.1986

Inverse Universe

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



5.2142, 3.6751, 18.8468



7.2748, 4.0553, 32.7922



6.7731, 4.0680, 18.8405



3.8252, 3.9487, 5.0037



3.8270, 1.7364, 19.5188



17.9636, 7.6998, 93.0092

Previews

White Background



This preview shows how the XYZ color 14.3773, 16.3058, 4.1398 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 14.3773, 16.3058, 4.1398 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 14.3773, 16.3058, 4.1398

Background



This preview shows how black text looks on a background with the XYZ color 14.3773, 16.3058, 4.1398.



This preview shows how white text looks on a background with the XYZ color 14.3773, 16.3058,

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

14.3773, 16.3058, 4.1398

Protanopia

14.8432, 16.3794, 4.1295

Deuteranopia

16.4559, 16.2440, 4.2756



Tritanopia

17.2543, 16.3424, 18.4647

Trichromacy



Original Color

14.3773, 16.3058, 4.1398

Protanomaly

14.6965, 16.3038, 4.1226

Deuteranomaly

15.6150, 16.2849, 4.2398

Tritanomaly

15.9004, 16.2756, 11.3203

Monochromacy



Original Color

14.3773, 16.3058, 4.1398

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

13.9090, 15.2718, 10.1973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3773, 16.3058, 4.1398 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(122, 114, 37)` looks like.

```
.text, #text, p{  
    color:rgb(122, 114, 37)  
}
```

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(122, 114, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 114, 37) }
```

Border

The CSS property to change the border of an element to XYZ 14.3773, 16.3058, 4.1398 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(122, 114, 37) }
```


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

```
.border{ border-color:rgb(122, 114, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 114, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 114, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 114, 37);  
box-shadow:4px 4px 4px 4px rgb(122, 114,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3773, 16.3058, 4.1398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 114, 37) }
```

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

```
.background{ background-color: rgb(122,  
114, 37) }
```

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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