

Converting Colors

XYZ(14.3472, 14.1230, 14.0266)

Have a look what the booklet for
XYZ(14.3472, 14.1230, 14.0266)
contains.

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Color

**XYZ(14.3877, 14.2048,
14.0401)**

Conversions

Conversions Part 1

Format	Color
Hex	756664
RGB	117, 102, 100
RGB Percent	46%, 40%, 39%
CMY	0.5412, 0.6000, 0.6078
CMYK	0.00, 0.13, 0.15, 0.54
HSL	7°, 8%, 43%
HSV	7°, 15%, 46%
XYZ	14.3877, 14.2048, 14.0401
YIQ	106.2570, 9.5820, 2.5580

Conversions

Conversions Part 2

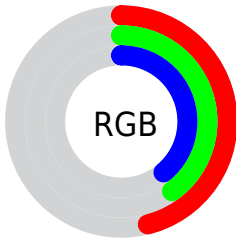
Format	Color
R_{YB}	117, 102, 100
Decimal	7693924
CIE Lab	44.53, 5.59, 3.31
CIE LCh	45, 6.497, 30.652
Yxy	14.2048, 0.3375, 0.3332
Android (android.graphics.Color)	4285884004 (0xFF756664)
YUV	106.2570, -3.0847, 9.4216
Hunter-Lab	37.6893, 2.1854, 4.2956

Details

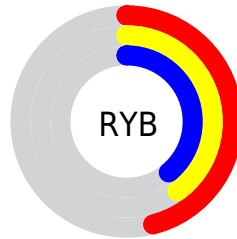
The XYZ color **14.3877, 14.2048, 14.0401** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.5969, 16.2545, 19.1977**, and the grayscale version is **13.7768, 14.4943, 15.7843**.

A 20% lighter version of the original color is **33.3393, 33.4518, 33.9778**, and **4.4630, 4.2546, 3.9542** is the 20% darker color. If you saturate the color by 10%, you get **12.9097, 12.0908, 10.9513**, and if you desaturate by 10%, it is **16.0742, 16.6053, 17.6000**.

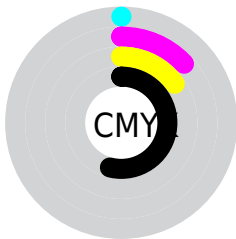
Distribution



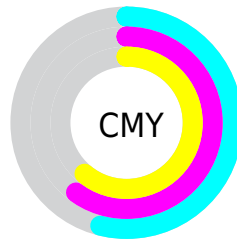
- Red (46%)
- Green (40%)
- Blue (39%)



- Red (46%)
- Yellow (40%)
- Blue (39%)



- Cyan (0%)
- Magenta (13%)
- Yellow (15%)
- Black (54%)



- Cyan (54%)
- Magenta (60%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3877, 14.2048, 14.0401 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 14.3877, 14.2048, 14.0401 by changing the saturation by 10% instead.

■ 14.3877, 14.2048,
14.0401

■ 14.3877, 14.2048,
14.0401

213.0923,
218.5012, 228.9173

■ 8.4743, 8.2632,
8.0095

■ 33.3559, 33.4520,
33.8783

■ 4.4543, 4.2639,
4.0132

■ 47.1415, 47.5264,
48.5230

■ 1.9622, 1.8222,
1.6326

■ 64.2818, 65.0805,
66.8761

■ 0.6126, 0.5010,
0.3139

■ 85.1422, 86.4988,
89.3562

■ 0.0000, 0.0000,
0.0000

110.0881,
112.1656, 116.3819

139.4849,

142.4654, 148.3715

173.6978,
177.7824, 185.7438

■ 14.3877, 14.2048,
14.0401

■ 14.3877, 14.2048,
14.0401

■ 12.9097, 12.0908,
10.9513

■ 16.0742, 16.6053,
17.6000

■ 11.6309, 10.2506,
8.3131

■ 17.9756, 19.3004,
21.6487

■ 10.5430, 8.6738,
6.1045

■ 20.0996, 22.3004,
26.2039

■ 9.6370, 7.3481,
4.3029

■ 22.4530, 25.6143,
31.2825

■ 8.9027, 6.2607,
2.8832

■ 25.0424, 29.2510,
36.9003

■ 8.3292, 5.3972,
1.8178

■ 27.8743, 33.2188,
43.0726

■ 7.9041, 4.7419,
1.0753

■ 30.9547, 37.5259,
49.8139

■ 7.6114, 4.2764,
0.6081

■ 34.2894, 42.1800,
57.1384

■ 7.4902, 4.0902,
0.3947

■ 37.8842, 47.1888,
65.0597

Harmonies

Analogous

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



14.5352, 14.2048, 15.4338



14.3877, 14.2048, 14.0401



14.0017, 14.2048, 13.0828

Triad

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



14.3877, 14.2048, 14.0401



12.6410, 14.2048, 14.0936



13.5127, 14.2048, 18.5388

Complementary

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



14.3877, 14.2048, 14.0401



14.5969, 16.2545, 19.1977

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.



13.0129, 14.2048, 18.1238



14.3877, 14.2048, 14.0401



12.5175, 14.2048, 15.4995

Square

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



14.3877, 14.2048, 14.0401



12.9935, 14.2048, 13.1122



12.6520, 14.2048, 16.9866



14.0220, 14.2048, 18.0872

Rectangle

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



14.3877, 14.2048, 14.0401



13.6657, 14.2048, 12.7877



12.6520, 14.2048, 16.9866



13.3381, 14.2048, 18.4957

Sweetspot

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



14.3881, 14.2054, 14.0404



28.9213, 29.9300, 31.8072



14.9888, 14.1346, 18.1629



6.6030, 6.8154, 7.2145



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.



14.3881, 14.2054, 14.0404



24.9568, 24.2840, 23.4472



15.2646, 15.9585, 14.3326



3.7155, 3.7640, 3.8730



8.2455, 4.4923, 0.4325



39.8387, 21.2060, 1.9934

Inverse Universe

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



14.5969, 16.2545, 19.1977



25.3968, 28.6034, 34.3194



13.6740, 14.4087, 18.8900



3.7483, 4.0852, 4.6812



8.8982, 12.1361, 20.4161



42.9537, 58.3240, 99.3541

Previews

White Background



This preview shows how the XYZ color 14.3877, 14.2048, 14.0401 looks on a white background.

Color Contrast Check

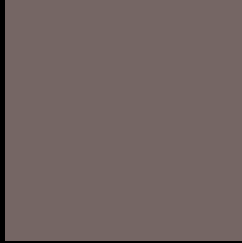
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.3877, 14.2048, 14.0401 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 14.3877, 14.2048, 14.0401

Background



This preview shows how black text looks on a background with the XYZ color 14.3877, 14.2048, 14.0401.



This preview shows how white text looks on a background with the XYZ color 14.3877, 14.2048,

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

14.3877, 14.2048, 14.0401

Protanopia

13.6342, 14.2506, 14.6024

Deuteranopia

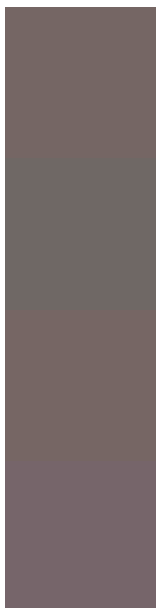
14.5228, 14.2744, 14.0464



Tritanopia

14.8852, 14.2630, 16.4365

Trichromacy



Original Color

14.3877, 14.2048, 14.0401

Protanomaly

13.8548, 14.2197, 14.3264

Deuteranomaly

14.5228, 14.2744, 14.0464

Tritanomaly

14.7264, 14.1995, 15.6003

Monochromacy



Original Color

14.3877, 14.2048, 14.0401

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.9807, 14.4176, 15.1427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3877, 14.2048, 14.0401 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, 102, 100)` looks like.

```
.text, #text, p{  
    color:rgb(117, 102, 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(117, 102, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 102, 100) }
```

Border

The CSS property to change the border of an element to XYZ 14.3877, 14.2048, 14.0401 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, 102, 100) }
```


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

```
.border{ border-color:rgb(117, 102, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 102, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 102, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 102, 100);  
box-shadow:4px 4px 4px 4px rgb(117, 102,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3877, 14.2048, 14.0401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 102, 100) }
```

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

```
.background{ background-color: rgb(117,  
102, 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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