

Converting Colors

XYZ(14.8914, 14.4256, 23.8295)

Have a look what the booklet for
XYZ(14.8914, 14.4256, 23.8295)
contains.

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Color

**XYZ(14.8408, 14.3697,
23.8212)**

Conversions

Conversions Part 1

Format	Color
Hex	696784
RGB	105, 103, 132
RGB Percent	41%, 40%, 52%
CMY	0.5882, 0.5961, 0.4824
CMYK	0.20, 0.22, 0.00, 0.48
HSL	244°, 12%, 46%
HSV	244°, 22%, 52%
XYZ	14.8408, 14.3697, 23.8212
YIQ	106.9040, -8.1170, 9.4430

Conversions

Conversions Part 2

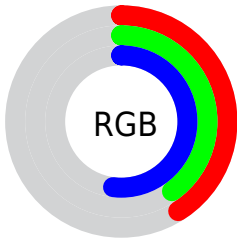
Format	Color
R_{YB}	105, 103, 132
Decimal	6907780
CIE Lab	44.76, 7.35, -15.76
CIE LCh	45, 17.387, 295.014
Yxy	14.3697, 0.2798, 0.2710
Android (android.graphics.Color)	4285097860 (0xFF696784)
YUV	106.9040, 12.3723, -1.6698
Hunter-Lab	37.9074, 3.5451, -10.7230

Details

The XYZ color **14.8408, 14.3697, 23.8212** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **19.9058, 22.2280, 16.0739**, and the grayscale version is **13.9174, 14.6421, 15.9453**.

A 20% lighter version of the original color is **34.2172, 33.7821, 50.6161**, and **4.6245, 4.3074, 8.5703** is the 20% darker color. If you saturate the color by 10%, you get **12.2895, 11.2571, 23.3551**, and if you desaturate by 10%, it is **17.8090, 18.0056, 24.3668**.

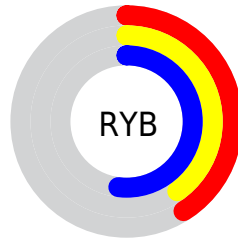
Distribution



Red (41%)

Green (40%)

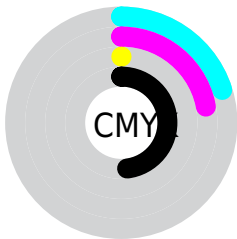
Blue (52%)



Red (41%)

Yellow (40%)

Blue (52%)

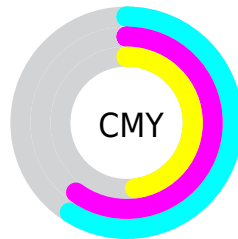


Cyan (20%)

Magenta (22%)

Yellow (0%)

Black (48%)



Cyan (59%)

Magenta (60%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8408, 14.3697, 23.8212 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 14.8408, 14.3697, 23.8212 by changing the saturation by 10% instead.

■ 14.8408, 14.3697,
23.8212

■ 14.8408, 14.3697,
23.8212

215.8081,
219.5188, 285.1727

■ 8.7933, 8.3782,
14.9901

■ 34.1476, 33.7436,
50.6784

■ 4.6626, 4.3379,
8.6659

■ 48.1376, 47.8948,
69.5416

■ 2.0834, 1.8643,
4.4301

■ 65.5059, 65.5347,
92.5859

■ 0.6802, 0.5268,
1.8641

■ 86.6178, 87.0477,
120.2298

■ 0.0000, 0.0000,
0.4698

111.8386,
112.8183, 152.8919

■ 0.0000, 0.0000,
0.0000

141.5336,

143.2307, 190.9907

176.0684,
178.6694, 234.9448

■ 14.8408, 14.3697,
23.8212

■ 14.8408, 14.3697,
23.8212

■ 12.2895, 11.2571,
23.3551

■ 17.8090, 18.0056,
24.3668

■ 10.1350, 8.6421,
22.9639

■ 21.2102, 22.1855,
24.9943

■ 8.3578, 6.4994,
22.6440

■ 25.0611, 26.9312,
25.7074

■ 6.9362, 4.8007,
22.3910

■ 29.3775, 32.2626,
26.5090

■ 5.8461, 3.5148,
22.2003

■ 34.1742, 38.1988,
27.4019

■ 5.0604, 2.6065,
22.0664

■ 39.4652, 44.7580,
28.3891

■ 4.5480, 2.0344,
21.9830

■ 45.2643, 51.9575,
29.4731

■ 4.2788, 1.7247,
21.9374

■ 51.5845, 59.8141,
30.6565

■ 58.4384, 68.3438,
31.9417

Harmonies

Analogous

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



13.4229, 14.3697, 24.7614



14.8408, 14.3697, 23.8212



16.0101, 14.3697, 20.5517

Triad

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



14.8408, 14.3697, 23.8212



15.2778, 14.3697, 10.0919



11.1233, 14.3697, 14.9788

Complementary

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



14.8408, 14.3697, 23.8212



19.9058, 22.2280, 16.0739

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.



11.5483, 14.3697, 11.5908



14.8408, 14.3697, 23.8212



13.8958, 14.3697, 9.0975

Square

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



14.8408, 14.3697, 23.8212



16.2744, 14.3697, 12.5777



12.5397, 14.3697, 9.5949



11.3382, 14.3697, 19.1770

Rectangle

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



14.8408, 14.3697, 23.8212



16.4578, 14.3697, 17.7484



12.5397, 14.3697, 9.5949



11.1951, 14.3697, 13.7169

Sweetspot

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



14.8413, 14.3703, 23.8215



34.1560, 35.1374, 43.4351



17.7503, 20.5329, 24.8577



7.8882, 8.1021, 10.1008



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



14.8413, 14.3703, 23.8215



23.9803, 22.6719, 41.5654



16.6829, 15.3197, 23.9077



4.4620, 4.5588, 5.8455



4.1448, 1.6709, 21.2408



0.0162, 0.0067, 0.0737

Inverse Universe

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



18.3957, 16.2183, 23.2805



31.3259, 26.4920, 40.4046



17.8448, 21.1655, 15.9774



4.8444, 4.7574, 5.7930



12.6700, 6.1323, 18.6323



0.0449, 0.0217, 0.0700

Previews

White Background



This preview shows how the XYZ color 14.8408, 14.3697, 23.8212 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 14.8408, 14.3697, 23.8212 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 14.8408, 14.3697, 23.8212

Background



This preview shows how black text looks on a background with the XYZ color 14.8408, 14.3697, 23.8212.



This preview shows how white text looks on a background with the XYZ color 14.8408, 14.3697,

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

14.8408, 14.3697, 23.8212

Protanopia

14.4308, 14.4493, 24.2187

Deuteranopia

14.7087, 14.4501, 23.8437



Tritanopia

13.7280, 14.3707, 18.2699

Trichromacy



Original Color

14.8408, 14.3697, 23.8212

Protanomaly

14.5508, 14.3608, 24.1953

Deuteranomaly

14.8241, 14.5096, 23.8491

Tritanomaly

14.0963, 14.3672, 20.1194

Monochromacy



Original Color

14.8408, 14.3697, 23.8212

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.2503, 14.6332, 18.5964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8408, 14.3697, 23.8212 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(105, 103, 132)` looks like.

```
.text, #text, p{  
    color:rgb(105, 103, 132)  
}
```

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(105, 103, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 103, 132) }
```

Border

The CSS property to change the border of an element to XYZ 14.8408, 14.3697, 23.8212 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(105, 103, 132) }
```


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

```
.border{ border-color:rgb(105, 103, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 103, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 103, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 103, 132);  
box-shadow:4px 4px 4px 4px rgb(105, 103,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8408, 14.3697, 23.8212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 103, 132) }
```

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

```
.background{ background-color: rgb(105,  
103, 132) }
```

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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