

Converting Colors

XYZ(14.1233, 14.7921, 13.1782)

Have a look what the booklet for
XYZ(14.1233, 14.7921, 13.1782)
contains.

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Color

**XYZ(14.1791, 14.8706,
13.1893)**

Conversions

Conversions Part 1

Format	Color
Hex	716B60
RGB	113, 107, 96
RGB Percent	44%, 42%, 38%
CMY	0.5569, 0.5804, 0.6235
CMYK	0.00, 0.05, 0.15, 0.56
HSL	39°, 8%, 41%
HSV	39°, 15%, 44%
XYZ	14.1791, 14.8706, 13.1893
YIQ	107.5400, 7.1070, -2.1490

Conversions

Conversions Part 2

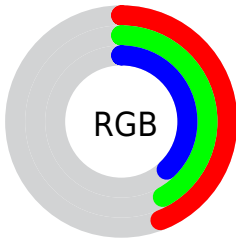
Format	Color
RYB	105, 113, 96
Decimal	7433056
CIELab	45.46, 0.28, 7.00
CIElCh	45, 7.007, 87.701
Yxy	14.8706, 0.3357, 0.3521
Android (android.graphics.Color)	4285623136 (0xFF716B60)
YUV	107.5400, -5.6892, 4.7884
Hunter-Lab	38.5624, -1.8512, 6.7150

Details

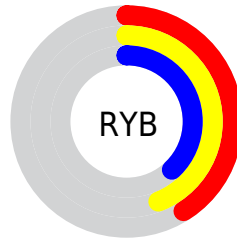
The XYZ color **14.1791, 14.8706, 13.1893** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.5559, 13.1817, 17.5056**, and the grayscale version is **14.1395, 14.8759, 16.1999**.

A 20% lighter version of the original color is **32.9322, 34.5284, 32.1231**, and **4.3716, 4.5858, 3.6724** is the 20% darker color. If you saturate the color by 10%, you get **13.2898, 13.8655, 10.5080**, and if you desaturate by 10%, it is **15.1632, 15.9453, 16.2716**.

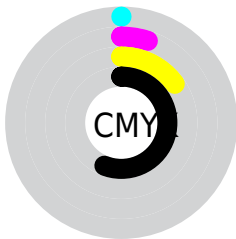
Distribution



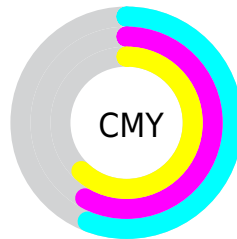
- Red (44%)
- Green (42%)
- Blue (38%)



- Red (41%)
- Yellow (44%)
- Blue (38%)



- Cyan (0%)
- Magenta (5%)
- Yellow (15%)
- Black (56%)



- Cyan (56%)
- Magenta (58%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1791, 14.8706, 13.1893 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 14.1791, 14.8706, 13.1893 by changing the saturation by 10% instead.

■ 14.1791, 14.8706,
13.1893

■ 14.1791, 14.8706,
13.1893

211.8306,
222.5817, 223.3776

■ 8.3279, 8.7286,
7.4268

■ 32.9901, 34.6260,
32.3396

■ 4.3590, 4.5646,
3.6479

■ 46.6806, 49.0082,
46.5645

■ 1.9072, 1.9941,
1.4343

■ 63.7148, 66.9060,
64.4472

■ 0.5810, 0.6041,
0.1682

■ 84.4583, 88.7037,
86.4063

■ 0.0000, 0.0000,
0.0000

109.2762,
114.7857, 112.8604

138.5340,

145.5364, 144.2279

172.5970,
181.3403, 180.9275

■ 14.1791, 14.8706,
13.1893

■ 14.1791, 14.8706,
13.1893

■ 13.2898, 13.8655,
10.5080

■ 15.1632, 15.9453,
16.2716

■ 12.4906, 12.9262,
8.2099

■ 16.2441, 17.0893,
19.7698

■ 11.7784, 12.0515,
6.2773

■ 17.4253, 18.3049,
23.6991

■ 11.1490, 11.2395,
4.6908

■ 18.7098, 19.5936,
28.0737

■ 10.5984, 10.4879,
3.4290

■ 20.1002, 20.9570,
32.9072

■ 10.1216, 9.7943,
2.4682

■ 21.5994, 22.3965,
38.2125

■ 9.7133, 9.1563,
1.7816

■ 23.2098, 23.9134,
44.0022

■ 9.3641, 8.5696,
1.3214

■ 24.9339, 25.5092,
50.2881

■ 9.2013, 8.2929,
1.1157

■ 26.7743, 27.1851,
57.0819

Harmonies

Analogous

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



14.7419, 14.8706, 13.6253



14.1791, 14.8706, 13.1893



13.6190, 14.8706, 13.5107

Triad

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



14.1791, 14.8706, 13.1893



13.1641, 14.8706, 17.7312



15.1035, 14.8706, 17.9693

Complementary

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



14.1791, 14.8706, 13.1893



12.5559, 13.1817, 17.5056

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.



14.6619, 14.8706, 19.2054



14.1791, 14.8706, 13.1893



13.5432, 14.8706, 19.0614

Square

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



14.1791, 14.8706, 13.1893



13.0427, 14.8706, 16.0630



14.0891, 14.8706, 19.6180



15.2847, 14.8706, 16.3208

Rectangle

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



14.1791, 14.8706, 13.1893



13.3206, 14.8706, 14.1245



14.0891, 14.8706, 19.6180



14.9800, 14.8706, 18.4510

Sweetspot

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



14.1795, 14.8713, 13.1896



27.1355, 28.5347, 29.0842



13.4030, 12.8406, 14.4034



6.2527, 6.5745, 6.6535



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



14.1795, 14.8713, 13.1896



24.8243, 25.9966, 21.8881



14.5387, 16.0173, 13.3919



3.5476, 3.7278, 3.6059



10.4183, 9.3691, 1.2593



51.0652, 45.0056, 5.9955

Inverse Universe

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



12.5559, 13.1817, 17.5056



21.3338, 22.3644, 31.1679



12.2295, 12.1697, 17.3275



3.3050, 3.4752, 4.2508



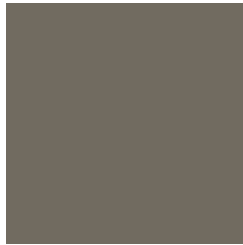
4.2193, 3.0288, 18.0839



20.2730, 13.5980, 89.8353

Previews

White Background



This preview shows how the XYZ color 14.1791, 14.8706, 13.1893 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 14.1791, 14.8706, 13.1893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

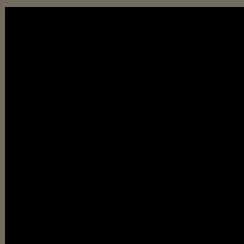
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

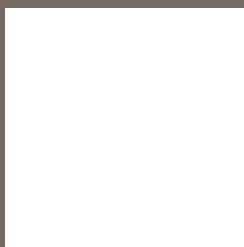
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.1791, 14.8706, 13.1893

Background



This preview shows how black text looks on a background with the XYZ color 14.1791, 14.8706, 13.1893.



This preview shows how white text looks on a background with the XYZ color 14.1791, 14.8706,

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

14.1791, 14.8706, 13.1893

Protanopia

14.0511, 14.8047, 13.1833

Deuteranopia

15.1340, 14.9013, 13.3878



Tritanopia

15.1024, 14.9402, 17.7106

Trichromacy



Original Color

14.1791, 14.8706, 13.1893

Protanomaly

14.0511, 14.8047, 13.1833

Deuteranomaly

14.8170, 14.8882, 13.4020

Tritanomaly

14.7473, 14.9470, 16.0177

Monochromacy



Original Color

14.1791, 14.8706, 13.1893

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.2917, 15.0396, 15.2464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1791, 14.8706, 13.1893 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(113, 107, 96)` looks like.

```
.text, #text, p{  
    color:rgb(113, 107, 96)  
}
```

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(113, 107, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 107, 96) }
```

Border

The CSS property to change the border of an element to XYZ 14.1791, 14.8706, 13.1893 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(113, 107, 96) }
```


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

```
.border{ border-color:rgb(113, 107, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 107, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 107, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 107, 96);  
box-shadow:4px 4px 4px 4px rgb(113, 107,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1791, 14.8706, 13.1893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 107, 96) }
```

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

```
.background{ background-color: rgb(113,  
107, 96) }
```

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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