

Converting Colors

XYZ(14.7847, 13.8395, 20.3044)

Have a look what the booklet for
XYZ(14.7847, 13.8395, 20.3044)
contains.

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Color

**XYZ(14.7847, 13.8395,
20.3044)**

Conversions

Conversions Part 1

Format	Color
Hex	71637A
RGB	113, 99, 122
RGB Percent	44%, 39%, 48%
CMY	0.5569, 0.6118, 0.5216
CMYK	0.07, 0.19, 0.00, 0.52
HSL	277°, 10%, 43%
HSV	277°, 19%, 48%
XYZ	14.7847, 13.8395, 20.3044
YIQ	105.8080, 0.9610, 10.1210

Conversions

Conversions Part 2

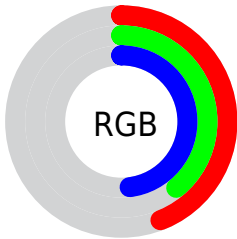
Format	Color
R_{YB}	113, 99, 122
Decimal	7431034
CIE _{Lab}	44.00, 10.27, -10.81
CIE _{LCh}	44, 14.915, 313.538
Yxy	13.8395, 0.3022, 0.2829
Android (android.graphics.Color)	4285621114 (0xFF71637A)
YUV	105.8080, 7.9827, 6.3074
Hunter-Lab	37.2015, 5.8373, -6.3192

Details

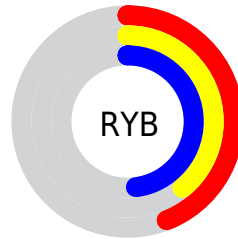
The XYZ color **14.7847, 13.8395, 20.3044** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.3965, 18.0084, 14.4695**, and the grayscale version is **13.6261, 14.3357, 15.6116**.

A 20% lighter version of the original color is **34.0634, 32.8680, 44.5932**, and **4.6106, 4.0608, 6.8441** is the 20% darker color. If you saturate the color by 10%, you get **13.1170, 11.3920, 19.9201**, and if you desaturate by 10%, it is **16.6602, 16.6541, 20.7490**.

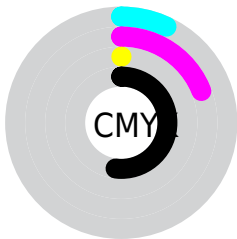
Distribution



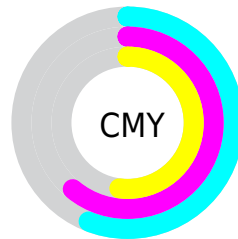
- Red (44%)
- Green (39%)
- Blue (48%)



- Red (44%)
- Yellow (39%)
- Blue (48%)



- Cyan (7%)
- Magenta (19%)
- Yellow (0%)
- Black (52%)



- Cyan (56%)
- Magenta (61%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7847, 13.8395, 20.3044 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 14.7847, 13.8395, 20.3044 by changing the saturation by 10% instead.

■ 14.7847, 13.8395,
20.3044

■ 14.7847, 13.8395,
20.3044

215.4737,
216.2301, 266.2168

■ 8.7538, 8.0091,
12.4302

■ 34.0498, 32.8040,
44.7926

■ 4.6367, 4.1008,
6.9113

■ 48.0147, 46.7069,
62.2437

■ 2.0683, 1.7301,
3.3291

■ 65.3549, 64.0694,
83.7243

■ 0.6719, 0.4430,
1.2650

■ 86.4358, 85.2759,
109.6527

■ 0.0000, 0.0000,
0.0329

111.6228,
110.7108, 140.4477

■ 0.0000, 0.0000,
0.0000

141.2812,

140.7586, 176.5276

175.7764,
175.8035, 218.3112

■ 14.7847, 13.8395,
20.3044

■ 14.7847, 13.8395,
20.3044

■ 13.1170, 11.3920,
19.9201

■ 16.6602, 16.6541,
20.7490

■ 11.6476, 9.2939,
19.5926

■ 18.7500, 19.8490,
21.2556

■ 10.3679, 7.5289,
19.3193

■ 21.0619, 23.4387,
21.8266

■ 9.2684, 6.0783,
19.0973

■ 23.6029, 27.4366,
22.4643

■ 8.3383, 4.9218,
18.9231

■ 26.3798, 31.8554,
23.1709

■ 7.5659, 4.0365,
18.7929

■ 29.3988, 36.7071,
23.9483

■ 6.9376, 3.3959,
18.7024

■ 32.6662, 42.0035,
24.7983

■ 6.4146, 2.9237,
18.6388

■ 36.1879, 47.7556,
25.7230

■ 6.3568, 2.8713,
18.6317

■ 39.9695, 53.9744,
26.7241

Harmonies

Analogous

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



13.6940, 13.8395, 22.3348



14.7847, 13.8395, 20.3044



15.4594, 13.8395, 16.9922

Triad

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



14.7847, 13.8395, 20.3044



13.8095, 13.8395, 9.6430



11.0633, 13.8395, 16.6466

Complementary

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



14.7847, 13.8395, 20.3044



15.3965, 18.0084, 14.4695

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.



11.0901, 13.8395, 13.2964



14.7847, 13.8395, 20.3044



12.6285, 13.8395, 9.5792

Square

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



14.7847, 13.8395, 20.3044



14.8736, 13.8395, 11.0105



11.6479, 13.8395, 10.8209



11.5723, 13.8395, 20.0189

Rectangle

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



14.7847, 13.8395, 20.3044



15.5586, 13.8395, 14.6702



11.6479, 13.8395, 10.8209



11.0109, 13.8395, 15.4747

Sweetspot

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



14.7851, 13.8401, 20.3047



30.2670, 30.7532, 36.7336



14.0426, 14.8257, 20.5341



6.8810, 6.9715, 8.3896



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.



14.7851, 13.8401, 20.3047



24.5863, 22.2442, 35.3906



15.8602, 14.4106, 19.6199



4.0098, 4.0029, 5.0045



6.6832, 3.0181, 19.6156



30.9035, 13.8933, 93.5227

Inverse Universe

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



15.1951, 14.1446, 16.1174



25.4891, 22.9104, 26.3590



14.4693, 17.5175, 15.0084



4.0572, 4.0386, 4.4990



9.0024, 4.5771, 3.3034



42.5503, 21.6764, 13.6937

Previews

White Background



This preview shows how the XYZ color 14.7847, 13.8395, 20.3044 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 14.7847, 13.8395, 20.3044 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 14.7847, 13.8395, 20.3044

Background



This preview shows how black text looks on a background with the XYZ color 14.7847, 13.8395, 20.3044.



This preview shows how white text looks on a background with the XYZ color 14.7847, 13.8395,

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

14.7847, 13.8395, 20.3044

Protanopia

13.6975, 13.8338, 21.3503

Deuteranopia

14.1464, 13.9474, 20.0357



Tritanopia

13.9695, 13.7910, 16.3937

Trichromacy



Original Color

14.7847, 13.8395, 20.3044

Protanomaly

14.0984, 13.9010, 21.0089

Deuteranomaly

14.4115, 13.9390, 20.0201

Tritanomaly

14.2765, 13.7740, 17.8258

Monochromacy



Original Color

14.7847, 13.8395, 20.3044

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.0816, 14.1216, 17.3128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7847, 13.8395, 20.3044 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, 99, 122)` looks like.

```
.text, #text, p{  
    color:rgb(113, 99, 122)  
}
```

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, 99, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 99, 122) }
```

Border

The CSS property to change the border of an element to XYZ 14.7847, 13.8395, 20.3044 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, 99, 122) }
```


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

```
.border{ border-color:rgb(113, 99, 122) }
```

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

Here you see how a box with a 4 pixel rgb(113, 99, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 99, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 99, 122);  
box-shadow:4px 4px 4px 4px rgb(113, 99,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7847, 13.8395, 20.3044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 99, 122) }
```

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

```
.background{ background-color: rgb(113, 99,  
122) }
```

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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