

Converting Colors

XYZ(13.7914, 14.9398, 22.2340)

Have a look what the booklet for
XYZ(13.7914, 14.9398, 22.2340)
contains.

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Color

**XYZ(13.8203, 14.9595,
22.2377)**

Conversions

Conversions Part 1

Format	Color
Hex	5C6E7F
RGB	92, 110, 127
RGB Percent	36%, 43%, 50%
CMY	0.6392, 0.5686, 0.5020
CMYK	0.28, 0.13, 0.00, 0.50
HSL	209°, 16%, 43%
HSV	209°, 28%, 50%
XYZ	13.8203, 14.9595, 22.2377
YIQ	106.5560, -16.1850, 1.4710

Conversions

Conversions Part 2

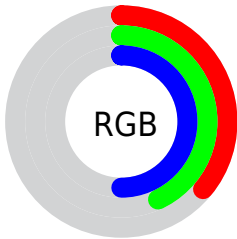
Format	Color
R_{YB}	92, 104, 127
Decimal	6057599
CIE _{Lab}	45.58, -2.50, -11.61
CIE _{LCh}	46, 11.877, 257.840
Yxy	14.9595, 0.2709, 0.2932
Android (android.graphics.Color)	4284247679 (0xFF5C6E7F)
YUV	106.5560, 10.0789, -12.7656
Hunter-Lab	38.6775, -3.9038, -7.0146

Details

The XYZ color **13.8203, 14.9595, 22.2377** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.1529, 16.2219, 12.4053**, and the grayscale version is **13.8290, 14.5492, 15.8441**.

A 20% lighter version of the original color is **32.4862, 34.9756, 48.2188**, and **4.2348, 4.6630, 7.8846** is the 20% darker color. If you saturate the color by 10%, you get **12.0140, 13.0749, 21.9694**, and if you desaturate by 10%, it is **15.8865, 17.0477, 22.5321**.

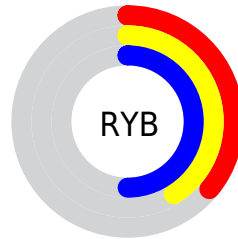
Distribution



Red (36%)

Green (43%)

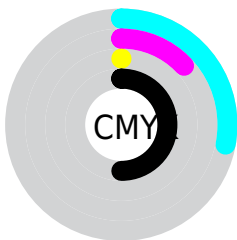
Blue (50%)



Red (36%)

Yellow (41%)

Blue (50%)

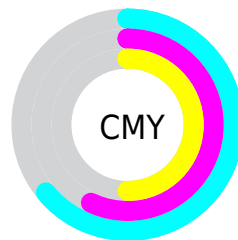


Cyan (28%)

Magenta (13%)

Yellow (0%)

Black (50%)



Cyan (64%)

Magenta (57%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8203, 14.9595, 22.2377 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 13.8203, 14.9595, 22.2377 by changing the saturation by 10% instead.

■ 13.8203, 14.9595,
22.2377

■ 13.8203, 14.9595,
22.2377

209.6431,
223.1210, 276.7790

■ 8.0767, 8.7910,
13.8317

■ 32.3588, 34.7821,
48.0458

■ 4.1963, 4.6051,
7.8663

■ 45.8843, 49.2050,
66.2849

■ 1.8138, 2.0175,
3.9230

■ 62.7345, 67.1481,
88.6388

■ 0.5259, 0.6176,
1.5832

■ 83.2747, 88.9958,
115.5260

■ 0.0000, 0.0000,
0.2788

107.8704,
115.1326, 147.3651

■ 0.0000, 0.0000,
0.0000

136.8867,

145.9428, 184.5746

170.6892,
181.8108, 227.5731

■ 13.8203, 14.9595,
22.2377

■ 13.8203, 14.9595,
22.2377

■ 12.0140, 13.0749,
21.9694

■ 15.8865, 17.0477,
22.5321

■ 10.4548, 11.3846,
21.7253

■ 18.2221, 19.3444,
22.8523

■ 9.1307, 9.8815,
21.5050

■ 20.8377, 21.8570,
23.1994

■ 8.0279, 8.5570,
21.3074

■ 23.7428, 24.5915,
23.5741

■ 7.1312, 7.4017,
21.1317

■ 26.9465, 27.5540,
23.9771

■ 6.4233, 6.4051,
20.9766

■ 30.4576, 30.7500,
24.4090

■ 5.8665, 5.5460,
20.8402

■ 34.2843, 34.1852,
24.8703

■ 5.7396, 5.3498,
20.8090

■ 38.4347, 37.8647,
25.3618

■ 42.9164, 41.7937,
25.8839

Harmonies

Analogous

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



12.9755, 14.9595, 20.6857



13.8203, 14.9595, 22.2377



14.8114, 14.9595, 22.0656

Triad

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



13.8203, 14.9595, 22.2377



16.1139, 14.9595, 14.6704



12.8501, 14.9595, 12.8880

Complementary

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



13.8203, 14.9595, 22.2377



16.1529, 16.2219, 12.4053

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.



13.6418, 14.9595, 11.6193



13.8203, 14.9595, 22.2377



15.5385, 14.9595, 12.5630

Square

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



13.8203, 14.9595, 22.2377



16.1672, 14.9595, 17.4671



14.6244, 14.9595, 11.5077



12.4331, 14.9595, 15.1639

Rectangle

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



13.8203, 14.9595, 22.2377



15.4219, 14.9595, 20.9978



14.6244, 14.9595, 11.5077



13.0795, 14.9595, 12.3416

Sweetspot

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



13.8208, 14.9601, 22.2380



32.3523, 34.3698, 40.8852



14.7591, 18.5566, 17.2487



7.4389, 7.9147, 9.5540



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



13.8208, 14.9601, 22.2380



22.6816, 24.6458, 39.5179



12.1225, 11.5637, 21.6720



4.2774, 4.5489, 5.4659



5.7871, 5.3926, 20.9858



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.3944, 13.2924, 16.5069



26.0374, 21.3298, 27.2418



18.1986, 20.3135, 13.0872



4.4129, 4.3783, 4.9787



9.7980, 4.9389, 5.5260



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.8203, 14.9595, 22.2377 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 13.8203, 14.9595, 22.2377 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

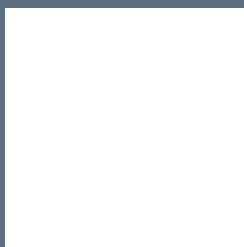
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.8203, 14.9595, 22.2377

Background



This preview shows how black text looks on a background with the XYZ color 13.8203, 14.9595, 22.2377.

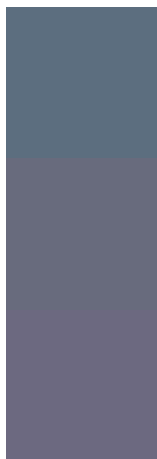


This preview shows how white text looks on a background with the XYZ color 13.8203, 14.9595,

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

13.8203, 14.9595, 22.2377

Protanopia

14.6683, 14.9391, 21.5125

Deuteranopia

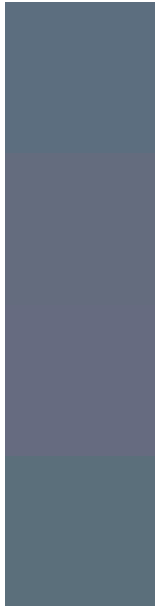
15.1322, 14.8498, 22.4908



Tritanopia

13.3890, 14.9491, 19.9491

Trichromacy



Original Color

13.8203, 14.9595, 22.2377

Protanomaly

14.3840, 14.9408, 21.8644

Deuteranomaly

14.6335, 14.8987, 22.5265

Tritanomaly

13.5740, 15.0231, 20.9232

Monochromacy



Original Color

13.8203, 14.9595, 22.2377

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.8793, 14.7648, 18.0380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8203, 14.9595, 22.2377 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(92, 110, 127) looks like.

```
.text, #text, p{  
    color:rgb(92, 110, 127)  
}
```

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(92, 110, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 110, 127) }
```

Border

The CSS property to change the border of an element to XYZ 13.8203, 14.9595, 22.2377 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(92, 110, 127) }
```


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

```
.border{ border-color:rgb(92, 110, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 110, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 110, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 110, 127);  
box-shadow:4px 4px 4px 4px rgb(92, 110,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8203, 14.9595, 22.2377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 110, 127) }
```

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

```
.background{ background-color: rgb(92, 110,  
127) }
```

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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