

Converting Colors

XYZ(13.5566, 14.5246, 22.1795)

Have a look what the booklet for
XYZ(13.5566, 14.5246, 22.1795)
contains.

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Color

**XYZ(13.5077, 14.4816,
22.1620)**

Conversions

Conversions Part 1

Format	Color
Hex	5B6C7F
RGB	91, 108, 127
RGB Percent	36%, 42%, 50%
CMY	0.6431, 0.5765, 0.5020
CMYK	0.28, 0.15, 0.00, 0.50
HSL	212°, 17%, 43%
HSV	212°, 28%, 50%
XYZ	13.5077, 14.4816, 22.1620
YIQ	105.0830, -16.2310, 2.3050

Conversions

Conversions Part 2

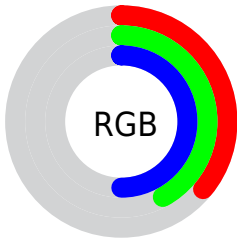
Format	Color
RYB	91, 103, 127
Decimal	5991551
CIELab	44.92, -1.64, -12.62
CIElCh	45, 12.726, 262.586
Yxy	14.4816, 0.2693, 0.2888
Android (android.graphics.Color)	4284181631 (0xFF5B6C7F)
YUV	105.0830, 10.8051, -12.3508
Hunter-Lab	38.0547, -3.2363, -7.8906

Details

The XYZ color **13.5077, 14.4816, 22.1620** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.2168, 16.4192, 12.2123**, and the grayscale version is **13.4249, 14.1240, 15.3811**.

A 20% lighter version of the original color is **31.7917, 33.8423, 48.0366**, and **4.0826, 4.4230, 7.8463** is the 20% darker color. If you saturate the color by 10%, you get **11.6803, 12.5305, 21.8820**, and if you desaturate by 10%, it is **15.6023, 16.6518, 22.4707**.

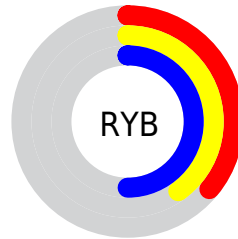
Distribution



Red (36%)

Green (42%)

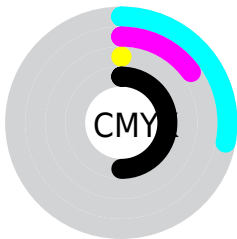
Blue (50%)



Red (36%)

Yellow (40%)

Blue (50%)

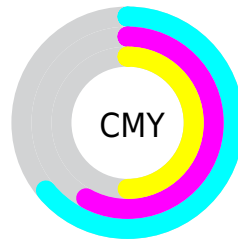


Cyan (28%)

Magenta (15%)

Yellow (0%)

Black (50%)



Cyan (64%)

Magenta (58%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.5077, 14.4816, 22.1620 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 13.5077, 14.4816, 22.1620 by changing the saturation by 10% instead.

■ 13.5077, 14.4816,
22.1620

■ 13.5077, 14.4816,
22.1620

207.7188,
220.2066, 276.3722

■ 7.8585, 8.4564,
13.7765

■ 31.8065, 33.9411,
47.9192

■ 4.0556, 4.3883,
7.8284

■ 45.1869, 48.1443,
66.1281

■ 1.7336, 1.8931,
3.8992

■ 61.8749, 65.8421,
88.4484

■ 0.4772, 0.5442,
1.5702

■ 82.2361, 87.4192,
115.2989

■ 0.0000, 0.0000,
0.2694

106.6357,
113.2597, 147.0979

■ 0.0000, 0.0000,
0.0000

135.4391,

143.7482, 184.2641

169.0117,
179.2691, 227.2160

■ 13.5077, 14.4816,
22.1620

■ 13.5077, 14.4816,
22.1620

■ 11.6803, 12.5305,
21.8820

■ 15.6023, 16.6518,
22.4707

■ 10.1069, 10.7889,
21.6287

■ 17.9737, 19.0468,
22.8080

■ 8.7750, 9.2488,
21.4017

■ 20.6330, 21.6743,
23.1750

■ 7.6705, 7.9011,
21.1997

■ 23.5899, 24.5411,
23.5725

■ 6.7778, 6.7356,
21.0218

■ 26.8538, 27.6534,
24.0012

■ 6.0789, 5.7409,
20.8667

■ 30.4337, 31.0176,
24.4619

■ 5.5305, 4.8926,
20.7318

■ 34.3382, 34.6395,
24.9552

■ 5.4455, 4.7617,
20.7110

■ 38.5755, 38.5249,
25.4819

■ 43.1535, 42.6793,
26.0424

Harmonies

Analogous

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



12.5838, 14.4816, 20.7726



13.5077, 14.4816, 22.1620



14.5474, 14.4816, 21.6742

Triad

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



13.5077, 14.4816, 22.1620



15.6961, 14.4816, 13.6675



12.2351, 14.4816, 12.5357

Complementary

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



13.5077, 14.4816, 22.1620



16.2168, 16.4192, 12.2123

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.



13.0099, 14.4816, 11.0459



13.5077, 14.4816, 22.1620



15.0164, 14.4816, 11.6396

Square

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



13.5077, 14.4816, 22.1620



15.8458, 14.4816, 16.5192



14.0242, 14.4816, 10.7398



11.8736, 14.4816, 15.0399

Rectangle

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



13.5077, 14.4816, 22.1620



15.1635, 14.4816, 20.3756



14.0242, 14.4816, 10.7398



12.4540, 14.4816, 11.9133

Sweetspot

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



13.5082, 14.4822, 22.1623



31.7974, 33.7192, 40.7888



14.6968, 18.5203, 17.4384



7.3146, 7.7643, 9.5315



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.



13.5082, 14.4822, 22.1623



22.0209, 23.6312, 39.3569



11.9459, 11.2696, 21.6246



4.2633, 4.5205, 5.4611



5.4905, 4.7995, 20.8870



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.2006, 13.0772, 15.9110



25.6290, 20.8796, 25.9754



18.1413, 20.4005, 12.8794



4.4057, 4.3754, 4.9409



9.6483, 4.8790, 4.7378



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.5077, 14.4816, 22.1620 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 13.5077, 14.4816, 22.1620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

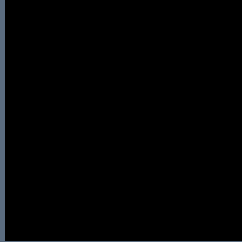
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

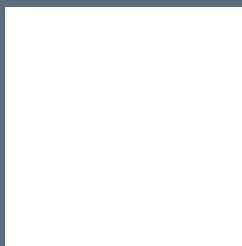
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.5077, 14.4816, 22.1620

Background



This preview shows how black text looks on a background with the XYZ color 13.5077, 14.4816, 22.1620.

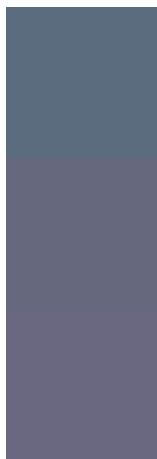


This preview shows how white text looks on a background with the XYZ color 13.5077, 14.4816,

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

13.5077, 14.4816, 22.1620

Protanopia

14.2327, 14.4086, 21.4330

Deuteranopia

14.7905, 14.5233, 22.4458



Tritanopia

12.8585, 14.3691, 19.2353

Trichromacy



Original Color

13.5077, 14.4816, 22.1620

Protanomaly

13.9569, 14.4111, 21.7847

Deuteranomaly

14.3147, 14.4284, 22.4526

Tritanomaly

13.1363, 14.4914, 20.1939

Monochromacy



Original Color

13.5077, 14.4816, 22.1620

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.3902, 14.2096, 17.6598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5077, 14.4816, 22.1620 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(91, 108, 127) looks like.

```
.text, #text, p{  
    color:rgb(91, 108, 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(91, 108, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 108, 127) }
```

Border

The CSS property to change the border of an element to XYZ 13.5077, 14.4816, 22.1620 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(91, 108, 127) }
```


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

```
.border{ border-color:rgb(91, 108, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 108, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 108, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 108, 127);  
box-shadow:4px 4px 4px 4px rgb(91, 108,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5077, 14.4816, 22.1620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 108, 127) }
```

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

```
.background{ background-color: rgb(91, 108,  
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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