

Converting Colors

XYZ(13.4037, 14.2481, 20.6139)

Have a look what the booklet for
XYZ(13.4037, 14.2481, 20.6139)
contains.

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Color

**XYZ(13.3866, 14.3002,
20.4670)**

Conversions

Conversions Part 1

Format	Color
Hex	5E6B7A
RGB	94, 107, 122
RGB Percent	37%, 42%, 48%
CMY	0.6314, 0.5804, 0.5216
CMYK	0.23, 0.12, 0.00, 0.52
HSL	212°, 13%, 42%
HSV	212°, 23%, 48%
XYZ	13.3866, 14.3002, 20.4670
YIQ	104.8230, -12.5630, 1.9090

Conversions

Conversions Part 2

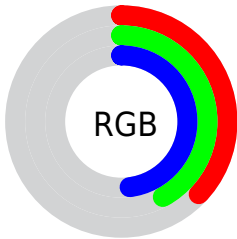
Format	Color
R_{YB}	94, 103, 122
Decimal	6187898
CIE Lab	44.66, -1.32, -9.98
CIE LCh	45, 10.068, 262.448
Yxy	14.3002, 0.2780, 0.2970
Android (android.graphics.Color)	4284377978 (0xFF5E6B7A)
YUV	104.8230, 8.4683, -9.4918
Hunter-Lab	37.8156, -2.9889, -5.6187

Details

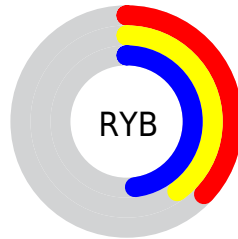
The XYZ color **13.3866, 14.3002, 20.4670** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.5151, 15.8829, 12.8379**, and the grayscale version is **13.3600, 14.0557, 15.3067**.

A 20% lighter version of the original color is **31.5439, 33.5295, 44.8537**, and **3.9907, 4.3171, 6.9263** is the 20% darker color. If you saturate the color by 10%, you get **11.5774, 12.3943, 20.1947**, and if you desaturate by 10%, it is **15.4460, 16.4122, 20.7664**.

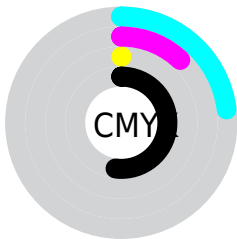
Distribution



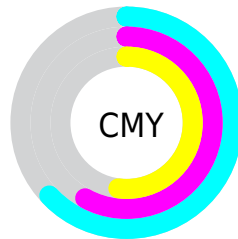
- Red (37%)
- Green (42%)
- Blue (48%)



- Red (37%)
- Yellow (40%)
- Blue (48%)



- Cyan (23%)
- Magenta (12%)
- Yellow (0%)
- Black (52%)



- Cyan (63%)
- Magenta (58%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.3866, 14.3002, 20.4670 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 13.3866, 14.3002, 20.4670 by changing the saturation by 10% instead.

■ 13.3866, 14.3002,
20.4670

■ 13.3866, 14.3002,
20.4670

206.9686,
219.0905, 267.1195

■ 7.7741, 8.3298,
12.5475

■ 31.5920, 33.6207,
45.0680

■ 4.0013, 4.3067,
6.9907

■ 44.9157, 47.7396,
62.5866

■ 1.7029, 1.8465,
3.3779

■ 61.5405, 65.3435,
84.1420

■ 0.4581, 0.5159,
1.2907

■ 81.8318, 86.8166,
110.1527

■ 0.0000, 0.0000,
0.0541

106.1549,
112.5435, 141.0372

■ 0.0000, 0.0000,
0.0000

134.8751,

142.9085, 177.2142

168.3579,
178.2960, 219.1021

■ 13.3866, 14.3002,
20.4670

■ 13.3866, 14.3002,
20.4670

■ 11.5774, 12.3943,
20.1947

■ 15.4460, 16.4122,
20.7664

■ 10.0067, 10.6858,
19.9477

■ 17.7639, 18.7353,
21.0926

■ 8.6636, 9.1677,
19.7255

■ 20.3501, 21.2763,
21.4467

■ 7.5361, 7.8320,
19.5271

■ 23.2133, 24.0413,
21.8295

■ 6.6108, 6.6698,
19.3515

■ 26.3618, 27.0360,
22.2416

■ 5.8725, 5.6715,
19.1978

■ 29.8036, 30.2661,
22.6837

■ 5.3030, 4.8256,
19.0645

■ 33.5463, 33.7368,
23.1564

■ 4.9588, 4.2969,
18.9806

■ 37.5972, 37.4534,
23.6602

■ 41.9636, 41.4209,
24.1959

Harmonies

Analogous

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



12.6573, 14.3002, 19.4144



13.3866, 14.3002, 20.4670



14.2003, 14.3002, 20.1071

Triad

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



13.3866, 14.3002, 20.4670



15.0953, 14.3002, 13.9158



12.3848, 14.3002, 12.9875

Complementary

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



13.3866, 14.3002, 20.4670



15.5151, 15.8829, 12.8379

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.



13.0012, 14.3002, 11.7734



13.3866, 14.3002, 20.4670



14.5715, 14.3002, 12.2707

Square

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



13.3866, 14.3002, 20.4670



15.2085, 14.3002, 16.1690



13.7993, 14.3002, 11.5247



12.0941, 14.3002, 14.9870

Rectangle

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



13.3866, 14.3002, 20.4670



14.6794, 14.3002, 19.1298



13.7993, 14.3002, 11.5247



12.5595, 14.3002, 12.4826

Sweetspot

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



13.3870, 14.3008, 20.4673



29.4749, 31.1905, 36.8598



14.3326, 17.4017, 17.0529



6.7013, 7.0935, 8.4227



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.



13.3870, 14.3008, 20.4673



21.6765, 23.1957, 35.7276



12.2282, 11.8401, 20.0534



3.9368, 4.1718, 5.0409



5.2125, 4.5074, 19.9806



24.0294, 19.8313, 95.0311

Inverse Universe

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



14.6829, 13.2048, 15.6855



24.4488, 21.0081, 25.4625



16.8746, 18.7972, 13.3288



4.0685, 4.0431, 4.5585



9.2144, 4.6619, 4.4197



43.5320, 22.0692, 18.8637

Previews

White Background



This preview shows how the XYZ color 13.3866, 14.3002, 20.4670 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 13.3866, 14.3002, 20.4670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

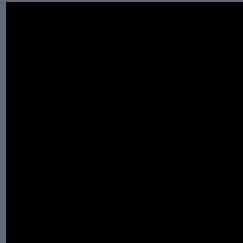
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

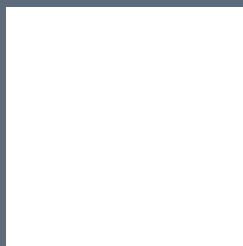
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.3866, 14.3002, 20.4670

Background



This preview shows how black text looks on a background with the XYZ color 13.3866, 14.3002, 20.4670.

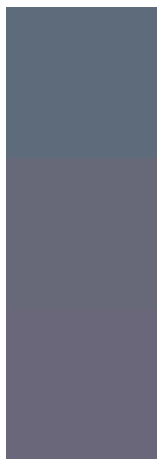


This preview shows how white text looks on a background with the XYZ color 13.3866, 14.3002,

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

13.3866, 14.3002, 20.4670

Protanopia

14.0353, 14.3428, 19.7980

Deuteranopia

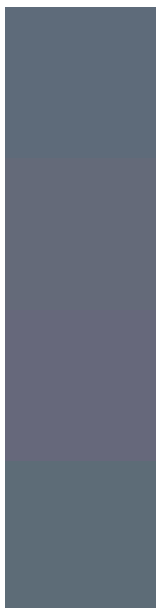
14.4888, 14.2564, 20.7270



Tritanopia

13.0876, 14.3366, 18.9071

Trichromacy



Original Color

13.3866, 14.3002, 20.4670

Protanomaly

13.8608, 14.3979, 20.1377

Deuteranomaly

14.0050, 14.1555, 20.7330

Tritanomaly

13.2065, 14.3842, 19.5331

Monochromacy



Original Color

13.3866, 14.3002, 20.4670

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.3901, 14.2225, 17.0784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.3866, 14.3002, 20.4670 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(94, 107, 122) looks like.

```
.text, #text, p{  
    color:rgb(94, 107, 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(94, 107, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 107, 122) }
```

Border

The CSS property to change the border of an element to XYZ 13.3866, 14.3002, 20.4670 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(94, 107, 122) }
```


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

```
.border{ border-color:rgb(94, 107, 122) }
```

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

Here you see how a box with a 4 pixel rgb(94, 107, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 107, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 107, 122);  
box-shadow:4px 4px 4px 4px rgb(94, 107,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 13.3866, 14.3002, 20.4670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 107, 122) }
```

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

```
.background{ background-color: rgb(94, 107,  
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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