

Converting Colors

XYZ(14.1049, 14.9257, 22.3875)

Have a look what the booklet for
XYZ(14.1049, 14.9257, 22.3875)
contains.

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Color

**XYZ(14.1888, 14.9826,
22.5662)**

Conversions

Conversions Part 1

Format	Color
Hex	606D80
RGB	96, 109, 128
RGB Percent	38%, 43%, 50%
CMY	0.6235, 0.5725, 0.4980
CMYK	0.25, 0.15, 0.00, 0.50
HSL	216°, 14%, 44%
HSV	216°, 25%, 50%
XYZ	14.1888, 14.9826, 22.5662
YIQ	107.2790, -13.8470, 3.1530

Conversions

Conversions Part 2

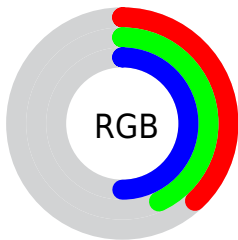
Format	Color
RYB	96, 105, 128
Decimal	6319488
CIELab	45.61, -0.32, -12.13
CIElCh	46, 12.137, 268.481
Yxy	14.9826, 0.2742, 0.2896
Android (android.graphics.Color)	4284509568 (0xFF606D80)
YUV	107.2790, 10.2155, -9.8917
Hunter-Lab	38.7074, -2.3059, -7.4706

Details

The XYZ color **14.1888, 14.9826, 22.5662** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.1443, 17.6953, 13.5786**, and the grayscale version is **14.0282, 14.7588, 16.0723**.

A 20% lighter version of the original color is **32.9439, 34.6809, 48.6738**, and **4.4005, 4.6627, 8.0652** is the 20% darker color. If you saturate the color by 10%, you get **12.1743, 12.7925, 22.2499**, and if you desaturate by 10%, it is **16.4936, 17.4272, 22.9168**.

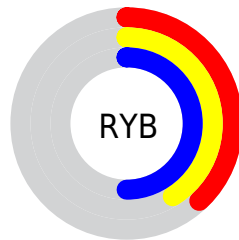
Distribution



Red (38%)

Green (43%)

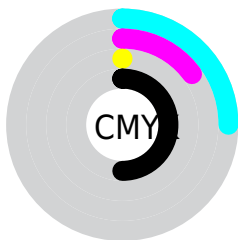
Blue (50%)



Red (38%)

Yellow (41%)

Blue (50%)

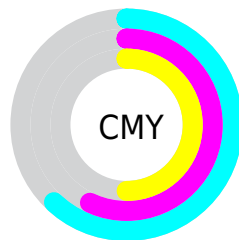


Cyan (25%)

Magenta (15%)

Yellow (0%)

Black (50%)



Cyan (62%)

Magenta (57%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1888, 14.9826, 22.5662 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 14.1888, 14.9826, 22.5662 by changing the saturation by 10% instead.

■ 14.1888, 14.9826,
22.5662

■ 14.1888, 14.9826,
22.5662

211.8894,
223.2609, 278.5384

■ 8.3347, 8.8072,
14.0712

■ 33.0071, 34.8227,
48.5942

■ 4.3634, 4.6156,
8.0309

■ 46.7020, 49.2561,
66.9643

■ 1.9097, 2.0236,
4.0267

■ 63.7413, 67.2109,
89.4631

■ 0.5825, 0.6211,
1.6400

■ 84.4901, 89.0717,
116.5094

■ 0.0000, 0.0000,
0.3191

109.3140,
115.2226, 148.5214

■ 0.0000, 0.0000,
0.0000

138.5783,

146.0482, 185.9179

172.6483,
181.9328, 229.1174

■ 14.1888, 14.9826,
22.5662

■ 14.1888, 14.9826,
22.5662

■ 12.1743, 12.7925,
22.2499

■ 16.4936, 17.4272,
22.9168

■ 10.4364, 10.8461,
21.9658

■ 19.0990, 20.1330,
23.3018

■ 8.9622, 9.1343,
21.7131

■ 22.0163, 23.1086,
23.7224

■ 7.7373, 7.6469,
21.4906

■ 25.2559, 26.3618,
24.1795

■ 6.7456, 6.3727,
21.2969

■ 28.8277, 29.8999,
24.6742

■ 5.9688, 5.2990,
21.1306

■ 32.7410, 33.7300,
25.2072

■ 5.3812, 4.4093,
20.9898

■ 37.0050, 37.8589,
25.7795

■ 5.1245, 4.0150,
20.9272

■ 41.6283, 42.2932,
26.3917

■ 46.6193, 47.0393,
27.0447

Harmonies

Analogous

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



13.2440, 14.9826, 21.5597



14.1888, 14.9826, 22.5662



15.1920, 14.9826, 21.7388

Triad

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



14.1888, 14.9826, 22.5662



16.0266, 14.9826, 13.7896



12.6401, 14.9826, 13.5613

Complementary

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



14.1888, 14.9826, 22.5662



17.1443, 17.6953, 13.5786

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.



13.3296, 14.9826, 11.8755



14.1888, 14.9826, 22.5662



15.2859, 14.9826, 11.9959

Square

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



14.1888, 14.9826, 22.5662



16.2829, 14.9826, 16.4622



14.2923, 14.9826, 11.3378



12.3765, 14.9826, 16.1657

Rectangle

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



14.1888, 14.9826, 22.5662



15.7530, 14.9826, 20.3081



14.2923, 14.9826, 11.3378



12.8281, 14.9826, 12.8804

Sweetspot

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



14.1893, 14.9832, 22.5665



32.5889, 34.3772, 40.8741



15.6187, 19.1556, 18.9938



7.5804, 7.9974, 9.5625



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.



14.1893, 14.9832, 22.5665



22.9020, 24.1312, 39.4070



13.1888, 12.5586, 22.1513



4.2411, 4.4763, 5.4538



5.0826, 3.9837, 20.7510



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.8457, 14.0595, 16.3473



26.3819, 22.3606, 26.3030



18.3370, 20.6683, 14.0896



4.3946, 4.3710, 4.8822



9.4424, 4.7967, 3.6536



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.1888, 14.9826, 22.5662 looks on a white background.

Color Contrast Check

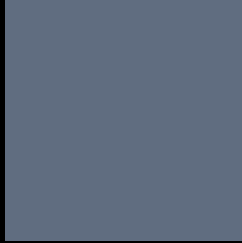
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1888, 14.9826, 22.5662 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

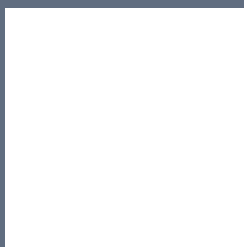
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.1888, 14.9826, 22.5662

Background



This preview shows how black text looks on a background with the XYZ color 14.1888, 14.9826, 22.5662.

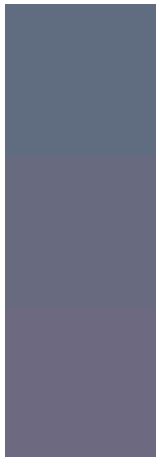


This preview shows how white text looks on a background with the XYZ color 14.1888, 14.9826,

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

14.1888, 14.9826, 22.5662

Protanopia

14.7974, 14.9908, 22.1923

Deuteranopia

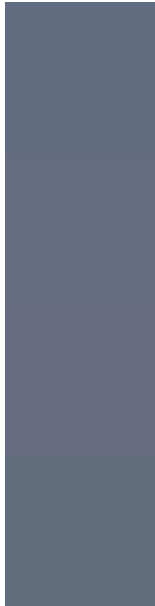
15.1984, 14.8763, 22.8392



Tritanopia

13.5218, 14.8635, 19.6090

Trichromacy



Original Color

14.1888, 14.9826, 22.5662

Protanomaly

14.5602, 15.0241, 22.2112

Deuteranomaly

14.8254, 14.8361, 22.8511

Tritanomaly

13.8081, 14.9899, 20.5779

Monochromacy



Original Color

14.1888, 14.9826, 22.5662

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.0506, 14.8465, 18.3448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1888, 14.9826, 22.5662 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(96, 109, 128) looks like.

```
.text, #text, p{  
    color:rgb(96, 109, 128)  
}
```

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(96, 109, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 109, 128) }
```

Border

The CSS property to change the border of an element to XYZ 14.1888, 14.9826, 22.5662 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(96, 109, 128) }
```


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

```
.border{ border-color:rgb(96, 109, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 109, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 109, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 109, 128);  
box-shadow:4px 4px 4px 4px rgb(96, 109,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1888, 14.9826, 22.5662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 109, 128) }
```

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

```
.background{ background-color: rgb(96, 109,  
128) }
```

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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