

Converting Colors

XYZ(14.0433, 14.7642, 22.0422)

Have a look what the booklet for
XYZ(14.0433, 14.7642, 22.0422)
contains.

XYZ(14.0172, 14.7442, 22.1858)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.0172, 14.7442,
22.1858)**

Conversions

Conversions Part 1

Format	Color
Hex	606C7F
RGB	96, 108, 127
RGB Percent	38%, 42%, 50%
CMY	0.6235, 0.5765, 0.5020
CMYK	0.24, 0.15, 0.00, 0.50
HSL	217°, 14%, 44%
HSV	217°, 24%, 50%
XYZ	14.0172, 14.7442, 22.1858
YIQ	106.5780, -13.2510, 3.3650

Conversions

Conversions Part 2

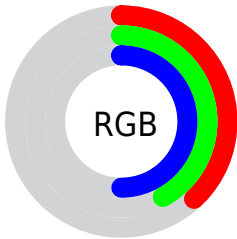
Format	Color
R_{YB}	96, 105, 127
Decimal	6319231
CIE Lab	45.28, 0.02, -12.03
CIE LCh	45, 12.030, 270.098
Yxy	14.7442, 0.2751, 0.2894
Android (android.graphics.Color)	4284509311 (0xFF606C7F)
YUV	106.5780, 10.0680, -9.2769
Hunter-Lab	38.3982, -2.0356, -7.3780

Details

The XYZ color **14.0172, 14.7442, 22.1858** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.9947, 17.6182, 13.5717**, and the grayscale version is **13.8345, 14.5550, 15.8504**.

A 20% lighter version of the original color is **32.6690, 34.2946, 48.0777**, and **4.3105, 4.5405, 7.8569** is the 20% darker color. If you saturate the color by 10%, you get **12.0029, 12.5414, 21.8670**, and if you desaturate by 10%, it is **16.3216, 17.2061, 22.5398**.

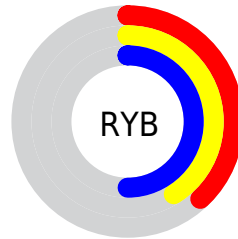
Distribution



Red (38%)

Green (42%)

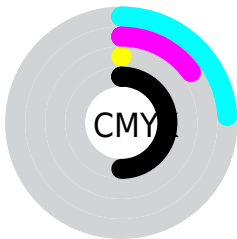
Blue (50%)



Red (38%)

Yellow (41%)

Blue (50%)

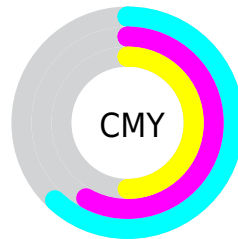


Cyan (24%)

Magenta (15%)

Yellow (0%)

Black (50%)



Cyan (62%)

Magenta (58%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0172, 14.7442, 22.1858 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 14.0172, 14.7442, 22.1858 by changing the saturation by 10% instead.

■ 14.0172, 14.7442,
22.1858

■ 14.0172, 14.7442,
22.1858

210.8463,
221.8127, 276.5001

■ 8.2144, 8.6401,
13.7939

■ 32.7056, 34.4038,
47.9590

■ 4.2854, 4.5072,
7.8403

■ 46.3218, 48.7281,
66.1774

■ 1.8648, 1.9611,
3.9066

■ 63.2733, 66.5611,
88.5083

■ 0.5563, 0.5847,
1.5743

■ 83.9254, 88.2874,
115.3703

■ 0.0000, 0.0000,
0.2724

108.6433,
114.2913, 147.1820

■ 0.0000, 0.0000,
0.0000

137.7926,

144.9572, 184.3618

171.7384,
180.6696, 227.3283

■ 14.0172, 14.7442,
22.1858

■ 14.0172, 14.7442,
22.1858

■ 12.0029, 12.5414,
21.8670

■ 16.3216, 17.2061,
22.5398

■ 10.2652, 10.5868,
21.5813

■ 18.9262, 19.9340,
22.9290

■ 8.7911, 8.8712,
21.3279

■ 21.8424, 22.9366,
23.3549

■ 7.5665, 7.3841,
21.1054

■ 25.0804, 26.2219,
23.8184

■ 6.5755, 6.1141,
20.9125

■ 28.6500, 29.7973,
24.3203

■ 5.8001, 5.0486,
20.7477

■ 32.5606, 33.6700,
24.8618

■ 5.2165, 4.1718,
20.6092

■ 36.8211, 37.8471,
25.4435

■ 4.9360, 3.7428,
20.5412

■ 41.4404, 42.3352,
26.0663

■ 46.4266, 47.1408,
26.7311

Harmonies

Analogous

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



13.0809, 14.7442, 21.2924



14.0172, 14.7442, 22.1858



14.9962, 14.7442, 21.2810

Triad

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



14.0172, 14.7442, 22.1858



15.7367, 14.7442, 13.4579



12.4187, 14.7442, 13.4724

Complementary

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



14.0172, 14.7442, 22.1858



16.9947, 17.6182, 13.5717

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.



13.0755, 14.7442, 11.7616



14.0172, 14.7442, 22.1858



14.9903, 14.7442, 11.7539

Square

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



14.0172, 14.7442, 22.1858



16.0172, 14.7442, 16.0445



14.0106, 14.7442, 11.1708



12.1850, 14.7442, 16.0633

Rectangle

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



14.0172, 14.7442, 22.1858



15.5348, 14.7442, 19.8348



14.0106, 14.7442, 11.1708



12.5957, 14.7442, 12.7869

Sweetspot

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



14.0177, 14.7448, 22.1861



32.5507, 34.3008, 40.8614



15.4851, 18.8945, 18.9304



7.5710, 7.9785, 9.5593



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.



14.0177, 14.7448, 22.1861



23.1333, 24.2636, 39.4204



13.1705, 12.5568, 21.8085



4.2348, 4.4635, 5.4516



4.9768, 3.7721, 20.7157



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.6424, 13.9609, 16.0582



26.5792, 22.7481, 26.3909



17.9987, 20.3012, 14.0366



4.3913, 4.3697, 4.8652



9.3890, 4.7753, 3.3724



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.0172, 14.7442, 22.1858 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 14.0172, 14.7442, 22.1858 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

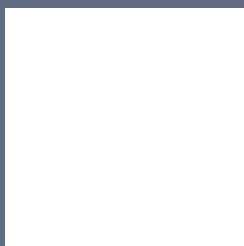
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.0172, 14.7442, 22.1858

Background



This preview shows how black text looks on a background with the XYZ color 14.0172, 14.7442, 22.1858.

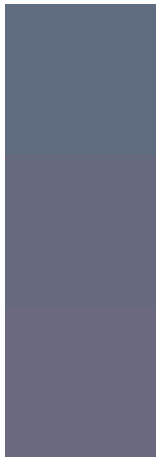


This preview shows how white text looks on a background with the XYZ color 14.0172, 14.7442,

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

14.0172, 14.7442, 22.1858

Protanopia

14.5134, 14.6980, 21.8107

Deuteranopia

15.0113, 14.7875, 22.4852



Tritanopia

13.3547, 14.6250, 19.2586

Trichromacy



Original Color

14.0172, 14.7442, 22.1858

Protanomaly

14.2791, 14.7311, 21.8295

Deuteranomaly

14.6438, 14.7501, 22.4973

Tritanomaly

13.6391, 14.7507, 20.2175

Monochromacy



Original Color

14.0172, 14.7442, 22.1858

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.8885, 14.6139, 18.0083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0172, 14.7442, 22.1858 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, 108, 127) looks like.

```
.text, #text, p{  
    color:rgb(96, 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(96, 108, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 108, 127) }
```

Border

The CSS property to change the border of an element to XYZ 14.0172, 14.7442, 22.1858 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, 108, 127) }
```


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

```
.border{ border-color:rgb(96, 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(96, 108, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 108, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 108, 127);  
box-shadow:4px 4px 4px 4px rgb(96, 108,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0172, 14.7442, 22.1858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 108, 127) }
```

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

```
.background{ background-color: rgb(96, 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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