

Converting Colors

XYZ(14.3223, 14.9577, 22.3822)

Have a look what the booklet for
XYZ(14.3223, 14.9577, 22.3822)
contains.

XYZ(14.2958, 14.8803, 22.5408)	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(14.2958, 14.8803,
22.5408)**

Conversions

Conversions Part 1

Format	Color
Hex	626C80
RGB	98, 108, 128
RGB Percent	38%, 42%, 50%
CMY	0.6157, 0.5765, 0.4980
CMYK	0.23, 0.16, 0.00, 0.50
HSL	220°, 13%, 44%
HSV	220°, 23%, 50%
XYZ	14.2958, 14.8803, 22.5408
YIQ	107.2900, -12.3800, 4.1000

Conversions

Conversions Part 2

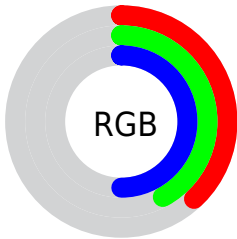
Format	Color
R _{YB}	98, 106, 128
Decimal	6450304
CIE Lab	45.47, 0.95, -12.33
CIE LCh	45, 12.367, 274.401
Yxy	14.8803, 0.2764, 0.2877
Android (android.graphics.Color)	4284640384 (0xFF626C80)
YUV	107.2900, 10.2100, -8.1473
Hunter-Lab	38.5750, -1.3546, -7.6429

Details

The XYZ color **14.2958, 14.8803, 22.5408** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.5852, 18.4278, 14.1856**, and the grayscale version is **14.0309, 14.7616, 16.0754**.

A 20% lighter version of the original color is **33.1331, 34.5220, 48.6332**, and **4.4453, 4.6058, 8.0519** is the 20% darker color. If you saturate the color by 10%, you get **12.1674, 12.5122, 22.1961**, and if you desaturate by 10%, it is **16.7341, 17.5397, 22.9258**.

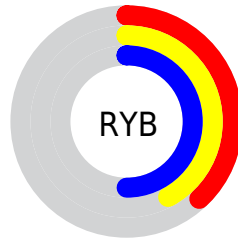
Distribution



Red (38%)

Green (42%)

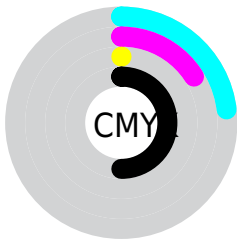
Blue (50%)



Red (38%)

Yellow (42%)

Blue (50%)

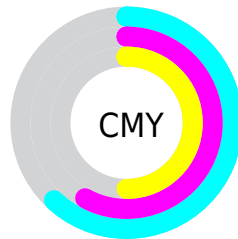


Cyan (23%)

Magenta (16%)

Yellow (0%)

Black (50%)



Cyan (62%)

Magenta (58%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2958, 14.8803, 22.5408 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 14.2958, 14.8803, 22.5408 by changing the saturation by 10% instead.

■ 14.2958, 14.8803,
22.5408

■ 14.2958, 14.8803,
22.5408

212.5373,
222.6406, 278.4027

■ 8.4098, 8.7354,
14.0527

■ 33.1949, 34.6431,
48.5518

■ 4.4122, 4.5690,
8.0182

■ 46.9386, 49.0297,
66.9118

■ 1.9379, 1.9967,
4.0186

■ 64.0323, 66.9324,
89.3995

■ 0.5987, 0.6055,
1.6356

■ 84.8413, 88.7356,
116.4335

■ 0.0000, 0.0000,
0.3160

109.7309,
114.8236, 148.4322

■ 0.0000, 0.0000,
0.0000

139.0666,

145.5808, 185.8143

173.2136,
181.3917, 228.9983

■ 14.2958, 14.8803,
22.5408

■ 14.2958, 14.8803,
22.5408

■ 12.1674, 12.5122,
22.1961

■ 16.7341, 17.5397,
22.9258

■ 10.3345, 10.4231,
21.8895

■ 19.4932, 20.4984,
23.3515

■ 8.7837, 8.6026,
21.6198

■ 22.5850, 23.7664,
23.8194

■ 7.4997, 7.0386,
21.3856

■ 26.0204, 27.3527,
24.3305

■ 6.4659, 5.7183,
21.1853

■ 29.8098, 31.2659,
24.8861

■ 5.6634, 4.6273,
21.0170

■ 33.9633, 35.5142,
25.4872

■ 5.0697, 3.7491,
20.8788

■ 38.4904, 40.1055,
26.1348

■ 4.7484, 3.2627,
20.8018

■ 43.4003, 45.0476,
26.8299

■ 48.7019, 50.3478,
27.5736

Harmonies

Analogous

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



13.3047, 14.8803, 21.8745



14.2958, 14.8803, 22.5408



15.2920, 14.8803, 21.3471

Triad

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



14.2958, 14.8803, 22.5408



15.8411, 14.8803, 13.2042



12.4313, 14.8803, 13.8729

Complementary

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



14.2958, 14.8803, 22.5408



17.5852, 18.4278, 14.1856

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.



13.0536, 14.8803, 11.9583



14.2958, 14.8803, 22.5408



15.0164, 14.8803, 11.6064

Square

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



14.2958, 14.8803, 22.5408



16.2112, 14.8803, 15.7708



13.9918, 14.8803, 11.1794



12.2591, 14.8803, 16.6413

Rectangle

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



14.2958, 14.8803, 22.5408



15.8155, 14.8803, 19.7331



13.9918, 14.8803, 11.1794



12.5933, 14.8803, 13.1196

Sweetspot

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



14.2963, 14.8809, 22.5411



32.4441, 34.0876, 40.8258



15.9968, 19.3314, 19.8726



7.5445, 7.9257, 9.5505



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.



14.2963, 14.8809, 22.5411



23.1523, 23.9657, 39.3619



13.8005, 13.1482, 22.2328



4.2169, 4.4279, 5.4457



4.7095, 3.2375, 20.6266



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.9769, 14.4076, 16.1269



26.6709, 23.0987, 25.9053



18.1641, 20.5684, 14.5683



4.3823, 4.3661, 4.8178



9.2541, 4.7213, 2.6619



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.2958, 14.8803, 22.5408 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 14.2958, 14.8803, 22.5408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

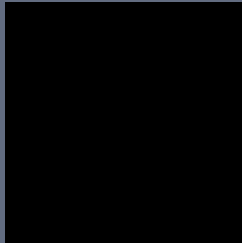
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

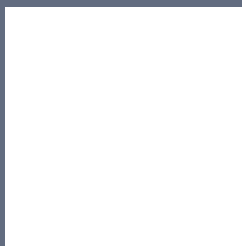
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.2958, 14.8803, 22.5408

Background



This preview shows how black text looks on a background with the XYZ color 14.2958, 14.8803, 22.5408.

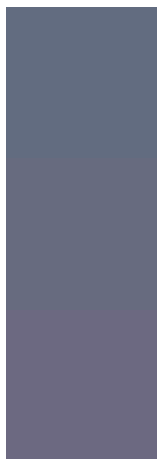


This preview shows how white text looks on a background with the XYZ color 14.2958, 14.8803,

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

14.2958, 14.8803, 22.5408

Protanopia

14.6820, 14.9313, 22.1869

Deuteranopia

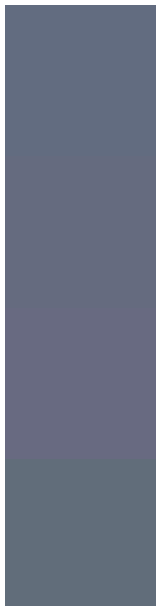
15.1984, 14.8763, 22.8392



Tritanopia

13.6698, 14.9467, 19.3041

Trichromacy



Original Color

14.2958, 14.8803, 22.5408

Protanomaly

14.4553, 14.8144, 22.1763

Deuteranomaly

14.8254, 14.8361, 22.8511

Tritanomaly

13.9113, 14.8838, 20.5520

Monochromacy



Original Color

14.2958, 14.8803, 22.5408

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.0611, 14.6963, 18.3152

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2958, 14.8803, 22.5408 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(98, 108, 128) looks like.

```
.text, #text, p{  
    color:rgb(98, 108, 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(98, 108, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 108, 128) }
```

Border

The CSS property to change the border of an element to XYZ 14.2958, 14.8803, 22.5408 is called "border". The border property can be set on classes, ids or directly on the HTML element.

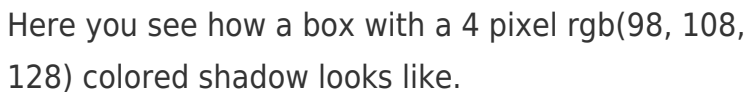
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(98, 108, 128) }
```


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

```
.border{ border-color:rgb(98, 108, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(98, 108, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(98, 108, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(98, 108, 128); box-shadow:4px 4px 4px 4px rgb(98, 108, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2958, 14.8803, 22.5408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 108, 128) }
```

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

```
.background{ background-color: rgb(98, 108,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor