

Converting Colors

XYZ(15.1302, 17.8719, 22.7308)

Have a look what the booklet for
XYZ(15.1302, 17.8719, 22.7308)
contains.

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Color

**XYZ(15.1302, 17.8719,
22.7308)**

Conversions

Conversions Part 1

Format	Color
Hex	5A7B7F
RGB	90, 123, 127
RGB Percent	35%, 48%, 50%
CMY	0.6471, 0.5176, 0.5020
CMYK	0.29, 0.03, 0.00, 0.50
HSL	186°, 17%, 43%
HSV	186°, 29%, 50%
XYZ	15.1302, 17.8719, 22.7308
YIQ	113.5890, -20.9520, -5.7520

Conversions

Conversions Part 2

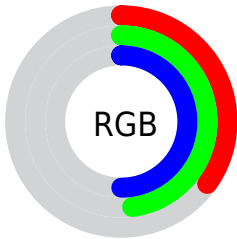
Format	Color
R_{YB}	90, 107, 127
Decimal	5929855
CIE _{Lab}	49.34, -10.66, -5.99
CIE _{LCh}	49, 12.226, 209.331
Yxy	17.8719, 0.2715, 0.3207
Android (android.graphics.Color)	4284119935 (0xFF5A7B7F)
YUV	113.5890, 6.6116, -20.6876
Hunter-Lab	42.2752, -10.0967, -2.2868

Details

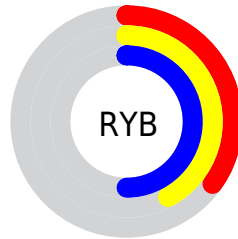
The XYZ color **15.1302, 17.8719, 22.7308** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **14.6008, 13.2558, 11.4624**, and the grayscale version is **15.8571, 16.6829, 18.1677**.

A 20% lighter version of the original color is **34.7481, 40.0087, 49.0710**, and **4.7788, 5.9399, 8.1024** is the 20% darker color. If you saturate the color by 10%, you get **13.8300, 16.9511, 22.6219**, and if you desaturate by 10%, it is **16.6450, 18.9078, 22.8512**.

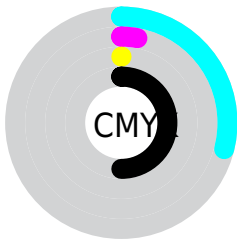
Distribution



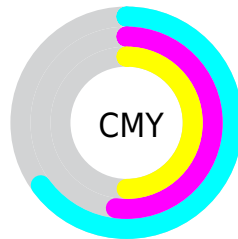
- Red (35%)
- Green (48%)
- Blue (50%)



- Red (35%)
- Yellow (42%)
- Blue (50%)



- Cyan (29%)
- Magenta (3%)
- Yellow (0%)
- Black (50%)



- Cyan (65%)
- Magenta (52%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1302, 17.8719, 22.7308 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 15.1302, 17.8719, 22.7308 by changing the saturation by 10% instead.

■ 15.1302, 17.8719,
22.7308

■ 15.1302, 17.8719,
22.7308

217.5257,
240.1480, 279.4163

■ 8.9977, 10.8581,
14.1914

■ 34.6512, 39.8189,
48.8685

■ 4.7968, 5.9715,
8.1137

■ 48.7705, 55.5209,
67.3039

■ 2.1621, 2.8277,
4.0789

■ 66.2827, 74.8877,
89.8751

■ 0.7226, 1.0425,
1.6688

■ 87.5532, 98.3037,
117.0006

■ 0.0000, 0.0000,
0.3392

■ 112.9474,
126.1534, 149.0989

■ 0.0000, 0.0000,
0.0000

142.8307,

158.8211, 186.5886

177.5683,
196.6911, 229.8882

■ 15.1302, 17.8719,
22.7308

■ 15.1302, 17.8719,
22.7308

■ 13.8300, 16.9511,
22.6219

■ 16.6450, 18.9078,
22.8512

■ 12.7320, 16.1376,
22.5227

■ 18.3826, 20.0617,
22.9823

■ 11.8251, 15.4261,
22.4332

■ 20.3531, 21.3392,
23.1251

■ 11.0964, 14.8100,
22.3527

■ 22.5653, 22.7448,
23.2798

■ 10.5313, 14.2818,
22.2805

■ 25.0274, 24.2829,
23.4469

■ 10.1131, 13.8327,
22.2159

■ 27.7474, 25.9576,
23.6268

■ 9.7939, 13.4381,
22.1565

■ 30.7329, 27.7728,
23.8198

■ 9.7668, 13.4043,
22.1515

■ 33.9912, 29.7322,
24.0263

■ 37.5292, 31.8395,
24.2466

Harmonies

Analogous

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



14.8693, 17.8719, 19.3856



15.1302, 17.8719, 22.7308



15.8831, 17.8719, 25.4332

Triad

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



15.1302, 17.8719, 22.7308



18.9614, 17.8719, 22.8732



17.0126, 17.8719, 13.7870

Complementary

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



15.1302, 17.8719, 22.7308



14.6008, 13.2558, 11.4624

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.



18.1402, 17.8719, 14.5030



15.1302, 17.8719, 22.7308



19.2961, 17.8719, 19.5335

Square

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



15.1302, 17.8719, 22.7308



18.0935, 17.8719, 25.5218



18.9892, 17.8719, 16.5181



15.9260, 17.8719, 14.4423

Rectangle

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



15.1302, 17.8719, 22.7308



16.5804, 17.8719, 26.3730



18.9892, 17.8719, 16.5181



17.3996, 17.8719, 13.8739

Sweetspot

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



15.1307, 17.8726, 22.7312



32.8916, 35.9076, 41.1536



13.8131, 18.1555, 13.2960



7.6042, 8.3435, 9.6280



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.



15.1307, 17.8726, 22.7312



25.4935, 30.8777, 40.5726



13.0788, 13.7689, 22.0472



4.4080, 4.8100, 5.5094



9.8494, 13.5173, 22.3399



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.9842, 13.2549, 20.4557



27.3083, 21.2698, 35.6863



16.4145, 16.8831, 12.0670



4.4788, 4.4047, 5.3257



11.8485, 5.7591, 16.3238



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.1302, 17.8719, 22.7308 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 15.1302, 17.8719, 22.7308 looks on a black 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

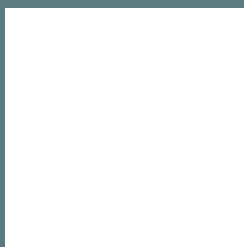
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.1302, 17.8719, 22.7308

Background



This preview shows how black text looks on a background with the XYZ color 15.1302, 17.8719, 22.7308.



This preview shows how white text looks on a background with the XYZ color 15.1302, 17.8719,

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

15.1302, 17.8719, 22.7308

Protanopia

17.1567, 17.7028, 21.2516

Deuteranopia

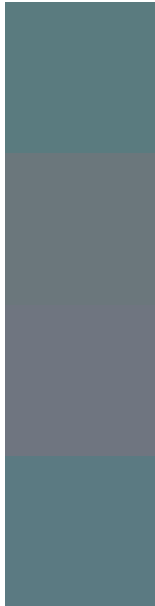
18.1481, 17.8306, 23.2540



Tritanopia

15.4388, 17.8092, 24.4536

Trichromacy



Original Color

15.1302, 17.8719, 22.7308

Protanomaly

16.2983, 17.7747, 21.6406

Deuteranomaly

16.8131, 17.6606, 22.9448

Tritanomaly

15.3032, 17.7549, 23.7396

Monochromacy



Original Color

15.1302, 17.8719, 22.7308

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.5168, 17.0577, 19.9274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1302, 17.8719, 22.7308 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(90, 123, 127) looks like.

```
.text, #text, p{  
    color:rgb(90, 123, 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(90, 123, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 123, 127) }
```

Border

The CSS property to change the border of an element to XYZ 15.1302, 17.8719, 22.7308 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(90, 123, 127) }
```


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

```
.border{ border-color:rgb(90, 123, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 123, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 123, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 123, 127);  
box-shadow:4px 4px 4px 4px rgb(90, 123,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1302, 17.8719, 22.7308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 123, 127) }
```

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

```
.background{ background-color: rgb(90, 123,  
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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