

Converting Colors

XYZ(15.1182, 18.0112, 22.7438)

Have a look what the booklet for
XYZ(15.1182, 18.0112, 22.7438)
contains.

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Color

**XYZ(15.1582, 18.0715,
22.7679)**

Conversions

Conversions Part 1

Format	Color
Hex	597C7F
RGB	89, 124, 127
RGB Percent	35%, 49%, 50%
CMY	0.6510, 0.5137, 0.5020
CMYK	0.30, 0.02, 0.00, 0.50
HSL	185°, 18%, 42%
HSV	185°, 30%, 50%
XYZ	15.1582, 18.0715, 22.7679
YIQ	113.8770, -21.8230, -6.4870

Conversions

Conversions Part 2

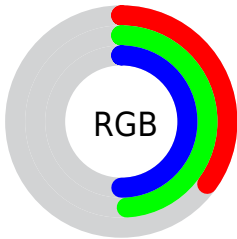
Format	Color
R _{YB}	89, 107, 127
Decimal	5864575
CIE Lab	49.58, -11.54, -5.64
CIE LCh	50, 12.839, 206.036
Yxy	18.0715, 0.2707, 0.3227
Android (android.graphics.Color)	4284054655 (0xFF597C7F)
YUV	113.8770, 6.4696, -21.8171
Hunter-Lab	42.5106, -10.7449, -1.9972

Details

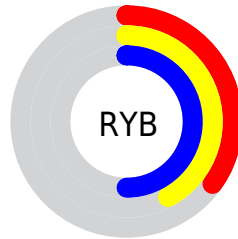
The XYZ color **15.1582, 18.0715, 22.7679** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **14.3828, 12.8875, 11.1809**, and the grayscale version is **15.9437, 16.7740, 18.2669**.

A 20% lighter version of the original color is **34.7756, 40.3150, 49.1287**, and **4.8057, 6.0536, 8.1229** is the 20% darker color. If you saturate the color by 10%, you get **13.9183, 17.2473, 22.6745**, and if you desaturate by 10%, it is **16.6107, 19.0081, 22.8724**.

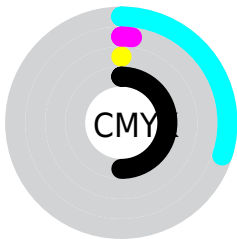
Distribution



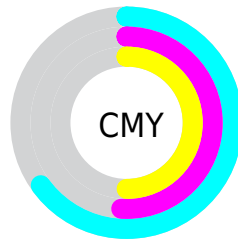
- Red (35%)
- Green (49%)
- Blue (50%)



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



- Cyan (30%)
- Magenta (2%)
- Yellow (0%)
- Black (50%)



- Cyan (65%)
- Magenta (51%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1582, 18.0715, 22.7679 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 15.1582, 18.0715, 22.7679 by changing the saturation by 10% instead.

■ 15.1582, 18.0715,
22.7679

■ 15.1582, 18.0715,
22.7679

217.6912,
241.2737, 279.6138

■ 9.0175, 11.0013,
14.2185

■ 34.6999, 40.1591,
48.9303

■ 4.8098, 6.0677,
8.1323

■ 48.8315, 55.9454,
67.3804

■ 2.1697, 2.8863,
4.0908

■ 66.3576, 75.4058,
89.9678

■ 0.7267, 1.0727,
1.6753

■ 87.6434, 98.9247,
117.1111

■ 0.0000, 0.0000,
0.3437

■ 113.0543,
126.8866, 149.2288

■ 0.0000, 0.0000,
0.0000

142.9557,

159.6758, 186.7395

177.7129,
197.6767, 230.0616

■ 15.1582, 18.0715,
22.7679

■ 15.1582, 18.0715,
22.7679

■ 13.9183, 17.2473,
22.6745

■ 16.6107, 19.0081,
22.8724

■ 12.8787, 16.5278,
22.5904

■ 18.2843, 20.0601,
22.9873

■ 12.0280, 15.9075,
22.5155

■ 20.1888, 21.2331,
23.1133

■ 11.3534, 15.3799,
22.4492

■ 22.3332, 22.5317,
23.2509

■ 10.8401, 14.9374,
22.3908

■ 24.7257, 23.9601,
23.4006

■ 10.4712, 14.5711,
22.3396

■ 27.3744, 25.5225,
23.5625

■ 10.1921, 14.2529,
22.2929

■ 30.2869, 27.2228,
23.7372

■ 10.1899, 14.2505,
22.2925

■ 33.4704, 29.0647,
23.9249

■ 36.9320, 31.0520,
24.1261

Harmonies

Analogous

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



14.9458, 18.0715, 19.2171



15.1582, 18.0715, 22.7679



15.9018, 18.0715, 25.7759

Triad

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



15.1582, 18.0715, 22.7679



19.1915, 18.0715, 23.6639



17.3387, 18.0715, 13.7190

Complementary

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



15.1582, 18.0715, 22.7679



14.3828, 12.8875, 11.1809

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.



18.5174, 18.0715, 14.6248



15.1582, 18.0715, 22.7679



19.6186, 18.0715, 20.1438

Square

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



15.1582, 18.0715, 22.7679



18.2243, 18.0715, 26.3346



19.3663, 18.0715, 16.8789



16.1695, 18.0715, 14.2479

Rectangle

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



15.1582, 18.0715, 22.7679



16.6178, 18.0715, 26.9244



19.3663, 18.0715, 16.8789



17.7474, 18.0715, 13.8626

Sweetspot

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



15.1587, 18.0722, 22.7683



32.9697, 36.0638, 41.1796



13.6209, 18.0674, 12.7883



7.6249, 8.3849, 9.6349



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.



15.1587, 18.0722, 22.7683



25.5656, 31.3176, 40.6537



13.0501, 13.8549, 22.0654



4.4183, 4.8307, 5.5128



10.2762, 14.3709, 22.4822



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.9632, 13.1123, 20.7593



27.2726, 20.9793, 36.3497



16.1895, 16.5009, 11.7831



4.4840, 4.4067, 5.3532



12.0639, 5.8453, 17.4582



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.1582, 18.0715, 22.7679 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 15.1582, 18.0715, 22.7679 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

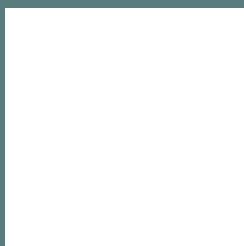
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.1582, 18.0715, 22.7679

Background



This preview shows how black text looks on a background with the XYZ color 15.1582, 18.0715, 22.7679.



This preview shows how white text looks on a background with the XYZ color 15.1582, 18.0715,

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

15.1582, 18.0715, 22.7679

Protanopia

17.4077, 18.0042, 21.2966

Deuteranopia

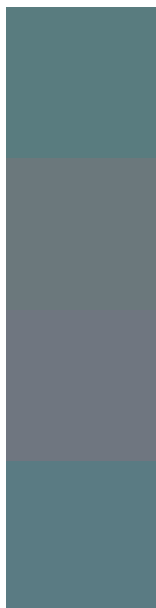
18.2919, 17.9047, 23.2607



Tritanopia

15.5330, 18.0330, 24.8523

Trichromacy



Original Color

15.1582, 18.0715, 22.7679

Protanomaly

16.4180, 18.0140, 21.6805

Deuteranomaly

16.9303, 17.8949, 22.9838

Tritanomaly

15.3961, 17.9783, 24.1314

Monochromacy



Original Color

15.1582, 18.0715, 22.7679

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.6339, 17.2920, 19.9665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1582, 18.0715, 22.7679 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(89, 124, 127) looks like.

```
.text, #text, p{  
  color:rgb(89, 124, 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(89, 124, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 124, 127) }
```

Border

The CSS property to change the border of an element to XYZ 15.1582, 18.0715, 22.7679 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(89, 124, 127) }
```


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

```
.border{ border-color:rgb(89, 124, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 124, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 124, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 124, 127);  
box-shadow:4px 4px 4px 4px rgb(89, 124,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1582, 18.0715, 22.7679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 124, 127) }
```

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

```
.background{ background-color: rgb(89, 124,  
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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