

Converting Colors

XYZ(15.7163, 18.1106, 22.5996)

Have a look what the booklet for
XYZ(15.7163, 18.1106, 22.5996)
contains.

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Color

**XYZ(15.7376, 18.1850,
22.7593)**

Conversions

Conversions Part 1

Format	Color
Hex	607B7F
RGB	96, 123, 127
RGB Percent	38%, 48%, 50%
CMY	0.6235, 0.5176, 0.5020
CMYK	0.24, 0.03, 0.00, 0.50
HSL	188°, 14%, 44%
HSV	188°, 24%, 50%
XYZ	15.7376, 18.1850, 22.7593
YIQ	115.3830, -17.3760, -4.4800

Conversions

Conversions Part 2

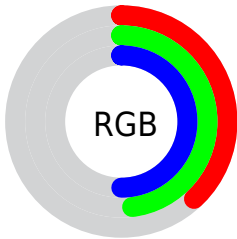
Format	Color
R _Y B	96, 110, 127
Decimal	6323071
CIE Lab	49.72, -8.72, -5.38
CIE LCh	50, 10.244, 211.709
Yxy	18.1850, 0.2776, 0.3208
Android (android.graphics.Color)	4284513151 (0xFF607B7F)
YUV	115.3830, 5.7272, -16.9989
Hunter-Lab	42.6439, -8.7519, -1.7927

Details

The XYZ color **15.7376, 18.1850, 22.7593** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.4211, 14.4710, 13.0471**, and the grayscale version is **16.3993, 17.2534, 18.7889**.

A 20% lighter version of the original color is **35.6008, 40.1583, 49.0550**, and **5.0428, 6.0760, 8.1147** is the 20% darker color. If you saturate the color by 10%, you get **14.3065, 17.1485, 22.6350**, and if you desaturate by 10%, it is **17.3891, 19.3411, 22.8957**.

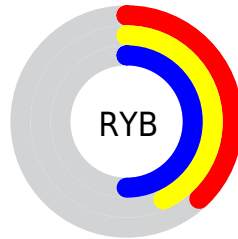
Distribution



Red (38%)

Green (48%)

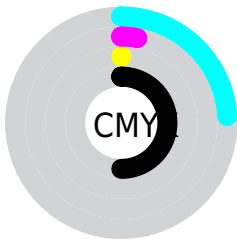
Blue (50%)



Red (38%)

Yellow (43%)

Blue (50%)

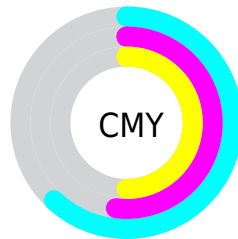


Cyan (24%)

Magenta (3%)

Yellow (0%)

Black (50%)



Cyan (62%)

Magenta (52%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7376, 18.1850, 22.7593 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 15.7376, 18.1850, 22.7593 by changing the saturation by 10% instead.

■ 15.7376, 18.1850,
22.7593

■ 15.7376, 18.1850,
22.7593

221.0893,
241.9117, 279.5680

■ 9.4283, 11.0829,
14.2123

■ 35.7032, 40.3523,
48.9160

■ 5.0809, 6.1226,
8.1280

■ 50.0902, 56.1863,
67.3627

■ 2.3301, 2.9198,
4.0880

■ 67.9006, 75.6997,
89.9463

■ 0.8100, 1.0900,
1.6738

■ 89.4996, 99.2769,
117.0855

■ 0.0000, 0.0000,
0.3427

115.2526,
127.3023, 149.1987

■ 0.0000, 0.0000,
0.0000

145.5250,

160.1603, 186.7045

180.6821,
198.2353, 230.0214

■ 15.7376, 18.1850,
22.7593

■ 15.7376, 18.1850,
22.7593

■ 14.3065, 17.1485,
22.6350

■ 17.3891, 19.3411,
22.8957

■ 13.0838, 16.2241,
22.5210

■ 19.2690, 20.6195,
23.0434

■ 12.0588, 15.4065,
22.4172

■ 21.3869, 22.0257,
23.2032

■ 11.2193, 14.6895,
22.3230

■ 23.7516, 23.5642,
23.3755

■ 10.5515, 14.0660,
22.2379

■ 26.3710, 25.2393,
23.5608

■ 10.0398, 13.5280,
22.1610

■ 29.2530, 27.0548,
23.7593

■ 9.6627, 13.0642,
22.0914

■ 32.4050, 29.0148,
23.9715

■ 9.4738, 12.8183,
22.0539

■ 35.8342, 31.1228,
24.1976

■ 39.5475, 33.3825,
24.4381

Harmonies

Analogous

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



15.4769, 18.1850, 19.9609



15.7376, 18.1850, 22.7593



16.4107, 18.1850, 24.9157

Triad

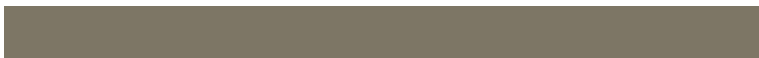
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15.7376, 18.1850, 22.7593



18.9886, 18.1850, 22.4563



17.2284, 18.1850, 14.9029

Complementary

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



15.7376, 18.1850, 22.7593



15.4211, 14.4710, 13.0471

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.



18.1884, 18.1850, 15.4380



15.7376, 18.1850, 22.7593



19.2272, 18.1850, 19.6407

Square

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



15.7376, 18.1850, 22.7593



18.2887, 18.1850, 24.7295



18.9292, 18.1850, 17.1097



16.3173, 18.1850, 15.5740

Rectangle

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



15.7376, 18.1850, 22.7593



17.0153, 18.1850, 25.6042



18.9292, 18.1850, 17.1097



17.5561, 18.1850, 14.9474

Sweetspot

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



15.7381, 18.1857, 22.7597



33.5354, 36.2702, 41.1896



14.6954, 18.5786, 14.7715



7.8154, 8.4674, 9.6408



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.



15.7381, 18.1857, 22.7597



26.7811, 31.5592, 40.6363



14.0053, 14.7200, 22.1821



4.4006, 4.7953, 5.5069



9.5538, 12.9260, 22.2414



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.5109, 14.3083, 20.6312



28.4205, 23.4845, 36.0867



17.0081, 17.6450, 13.5761



4.4750, 4.4032, 5.3061



11.6993, 5.6994, 15.5380



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.7376, 18.1850, 22.7593 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 15.7376, 18.1850, 22.7593 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

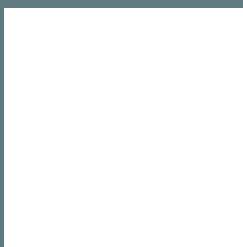
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.7376, 18.1850, 22.7593

Background



This preview shows how black text looks on a background with the XYZ color 15.7376, 18.1850, 22.7593.



This preview shows how white text looks on a background with the XYZ color 15.7376, 18.1850,

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

15.7376, 18.1850, 22.7593

Protanopia

17.4706, 18.0294, 21.6280

Deuteranopia

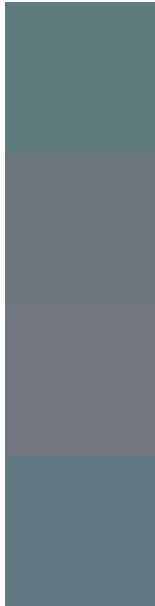
18.4054, 18.1315, 23.2985



Tritanopia

16.0542, 18.1264, 24.4824

Trichromacy



Original Color

15.7376, 18.1850, 22.7593

Protanomaly

16.7289, 17.9893, 21.9926

Deuteranomaly

17.3141, 18.0928, 23.0018

Tritanomaly

15.9186, 18.0722, 23.7684

Monochromacy



Original Color

15.7376, 18.1850, 22.7593

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.9925, 17.4769, 19.9832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7376, 18.1850, 22.7593 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, 123, 127) looks like.

```
.text, #text, p{  
    color:rgb(96, 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(96, 123, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 123, 127) }
```

Border

The CSS property to change the border of an element to XYZ 15.7376, 18.1850, 22.7593 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, 123, 127) }
```


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

```
.border{ border-color:rgb(96, 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(96, 123, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 123, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 123, 127);  
box-shadow:4px 4px 4px 4px rgb(96, 123,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7376, 18.1850, 22.7593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 123, 127) }
```

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

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