

Converting Colors

XYZ(15.6582, 18.1487, 7.1266)

Have a look what the booklet for
XYZ(15.6582, 18.1487, 7.1266)
contains.

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Color

**XYZ(15.5648, 18.0766,
7.0837)**

Conversions

Conversions Part 1

Format	Color
Hex	79793D
RGB	121, 121, 61
RGB Percent	47%, 47%, 24%
CMY	0.5255, 0.5255, 0.7608
CMYK	0.00, 0.00, 0.50, 0.53
HSL	60°, 33%, 36%
HSV	60°, 50%, 47%
XYZ	15.5648, 18.0766, 7.0837
YIQ	114.1600, 19.2600, -18.6600

Conversions

Conversions Part 2

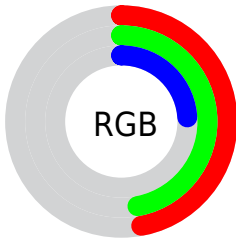
Format	Color
RYB	61, 121, 61
Decimal	7960893
CIELab	49.59, -9.16, 32.65
CIELCh	50, 33.907, 105.673
Yxy	18.0766, 0.3822, 0.4439
Android (android.graphics.Color)	4286150973 (0xFF79793D)
YUV	114.1600, -26.2079, 5.9987
Hunter-Lab	42.5166, -9.0574, 19.8833

Details

The XYZ color **15.5648, 18.0766, 7.0837** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.0451, 5.7105, 18.8212**, and the grayscale version is **16.1148, 16.9541, 18.4630**.

A 20% lighter version of the original color is **35.4372, 40.1269, 20.6294**, and **5.0603, 6.1364, 1.3332** is the 20% darker color. If you saturate the color by 10%, you get **15.2751, 17.9614, 5.5567**, and if you desaturate by 10%, it is **15.9290, 18.2229, 8.9990**.

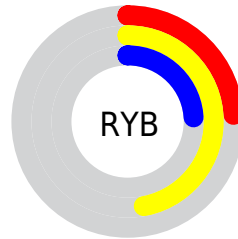
Distribution



Red (47%)

Green (47%)

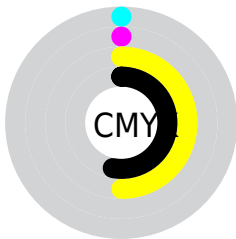
Blue (24%)



Red (24%)

Yellow (47%)

Blue (24%)

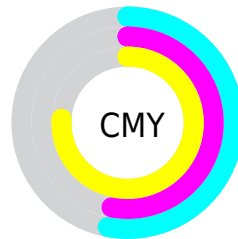


Cyan (0%)

Magenta (0%)

Yellow (50%)

Black (53%)



Cyan (53%)

Magenta (53%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5648, 18.0766, 7.0837 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 15.5648, 18.0766, 7.0837 by changing the saturation by 10% instead.

■ 15.5648, 18.0766,
7.0837

■ 15.5648, 18.0766,
7.0837

220.0811,
241.3024, 178.0146

■ 9.3056, 11.0050,
3.4353

■ 35.4046, 40.1678,
20.6571

■ 4.9998, 6.0702,
1.3209

■ 49.7159, 55.9562,
31.4192

■ 2.2819, 2.8878,
0.0789

■ 67.4420, 75.4190,
45.3896

■ 0.7854, 1.0734,
0.0000

■ 88.9481, 98.9405,
62.9867

■ 0.0000, 0.0000,
0.0000

■ 114.5998,
126.9053, 84.6293

■ 144.7622,

159.6976, 110.7358

179.8009,
197.7018, 141.7247

■ 15.5648, 18.0766,
7.0837

■ 15.5648, 18.0766,
7.0837

■ 15.2751, 17.9614,
5.5567

■ 15.9290, 18.2229,
8.9990

■ 15.0535, 17.8727,
4.3903

■ 16.3709, 18.3997,
11.3253

■ 14.8948, 17.8092,
3.5554

■ 16.8950, 18.6094,
14.0850

■ 14.7925, 17.7683,
3.0174

■ 17.5054, 18.8535,
17.2986

■ 14.7251, 17.7413,
2.6627

■ 18.2056, 19.1336,
20.9852

■ 14.7223, 17.7402,
2.6483

■ 18.9990, 19.4510,
25.1628

■ 19.8890, 19.8070,
29.8486

■ 20.8785, 20.2028,
35.0588

■ 21.9706, 20.6397,
40.8090

Harmonies

Analogous

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



18.7569, 18.0766, 7.0294



15.5648, 18.0766, 7.0837



13.1276, 18.0766, 9.7222

Triad

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



15.5648, 18.0766, 7.0837



13.2136, 18.0766, 35.2581



23.8938, 18.0766, 24.3965

Complementary

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



15.5648, 18.0766, 7.0837



7.0451, 5.7105, 18.8212

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.



21.9938, 18.0766, 34.8262



15.5648, 18.0766, 7.0837



15.6965, 18.0766, 42.3019

Square

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



15.5648, 18.0766, 7.0837



11.8901, 18.0766, 24.8629



18.9059, 18.0766, 42.1229



23.8470, 18.0766, 15.2766

Rectangle

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



15.5648, 18.0766, 7.0837



12.1415, 18.0766, 13.2529



18.9059, 18.0766, 42.1229



23.4522, 18.0766, 27.9135

Sweetspot

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



15.5652, 18.0774, 7.0841



30.6938, 33.4989, 27.5435



10.3968, 7.7398, 5.3611



6.9771, 7.6431, 6.0814



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.5652, 18.0774, 7.0841



27.2669, 32.1280, 9.5021



11.9948, 16.2368, 6.9170



4.3077, 4.6339, 4.2919



15.7763, 19.0102, 2.8378



75.2540, 90.6803, 13.5367

Inverse Universe

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



7.0451, 5.7105, 18.8212



10.0367, 7.1186, 33.2379



9.4349, 6.9425, 18.9330



3.7977, 3.8936, 4.9946



3.6986, 1.4794, 19.4759



17.6423, 7.0569, 92.9021

Previews

White Background



This preview shows how the XYZ color 15.5648, 18.0766, 7.0837 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 15.5648, 18.0766, 7.0837 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 15.5648, 18.0766, 7.0837

Background



This preview shows how black text looks on a background with the XYZ color 15.5648, 18.0766, 7.0837.



This preview shows how white text looks on a background with the XYZ color 15.5648, 18.0766,

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

15.5648, 18.0766, 7.0837

Protanopia

16.5000, 18.0289, 6.8853

Deuteranopia

18.1930, 17.8765, 7.1943



Tritanopia

18.4946, 18.0539, 21.2489

Trichromacy



Original Color

15.5648, 18.0766, 7.0837

Protanomaly

16.1648, 18.0319, 6.9035

Deuteranomaly

17.1536, 17.8435, 7.0975

Tritanomaly

17.1190, 18.0027, 14.6292

Monochromacy



Original Color

15.5648, 18.0766, 7.0837

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.7630, 17.3307, 13.3408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5648, 18.0766, 7.0837 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(121, 121, 61)` looks like.

```
.text, #text, p{  
    color:rgb(121, 121, 61)  
}
```

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(121, 121, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 121, 61) }
```

Border

The CSS property to change the border of an element to XYZ 15.5648, 18.0766, 7.0837 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(121, 121, 61) }
```


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

```
.border{ border-color:rgb(121, 121, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 121, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 121, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 121, 61);  
box-shadow:4px 4px 4px 4px rgb(121, 121,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5648, 18.0766, 7.0837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 121, 61) }
```

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

```
.background{ background-color: rgb(121,  
121, 61) }
```

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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