

Converting Colors

XYZ(15.2704, 17.6813, 7.9525)

Have a look what the booklet for
XYZ(15.2704, 17.6813, 7.9525)
contains.

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Color

**XYZ(15.3373, 17.7601,
7.9299)**

Conversions

Conversions Part 1

Format	Color
Hex	777843
RGB	119, 120, 67
RGB Percent	47%, 47%, 26%
CMY	0.5333, 0.5294, 0.7372
CMYK	0.01, 0.00, 0.44, 0.53
HSL	61°, 28%, 37%
HSV	61°, 44%, 47%
XYZ	15.3373, 17.7601, 7.9299
YIQ	113.6590, 16.4170, -16.6950

Conversions

Conversions Part 2

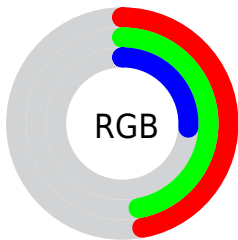
Format	Color
RYB	67, 120, 68
Decimal	7829571
CIELab	49.20, -8.84, 28.90
CIELCh	49, 30.220, 107.007
Yxy	17.7601, 0.3738, 0.4329
Android (android.graphics.Color)	4286019651 (0xFF777843)
YUV	113.6590, -23.0029, 4.6841
Hunter-Lab	42.1427, -8.7870, 18.3435

Details

The XYZ color **15.3373, 17.7601, 7.9299** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.7819, 6.5998, 18.6341**, and the grayscale version is **15.9557, 16.7866, 18.2806**.

A 20% lighter version of the original color is **34.9182, 39.5367, 22.3140**, and **4.9070, 5.9541, 1.6001** is the 20% darker color. If you saturate the color by 10%, you get **14.9830, 17.6154, 6.2250**, and if you desaturate by 10%, it is **15.7671, 17.9363, 10.0286**.

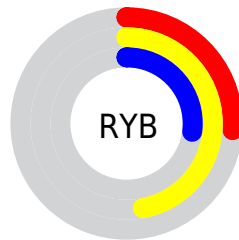
Distribution



Red (47%)

Green (47%)

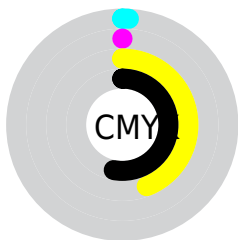
Blue (26%)



Red (26%)

Yellow (47%)

Blue (27%)

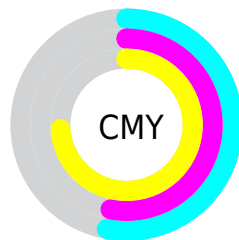


Cyan (1%)

Magenta (0%)

Yellow (44%)

Black (53%)



Cyan (53%)

Magenta (53%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3373, 17.7601, 7.9299 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 15.3373, 17.7601, 7.9299 by changing the saturation by 10% instead.

■ 15.3373, 17.7601,
7.9299

■ 15.3373, 17.7601,
7.9299

218.7469,
239.5154, 185.0952

■ 9.1443, 10.7779,
3.9630

■ 35.0106, 39.6281,
22.3648

■ 4.8933, 5.9177,
1.6051

■ 49.2217, 55.2827,
33.6699

■ 2.2189, 2.7951,
0.2944

■ 66.8362, 74.5969,
48.2581

■ 0.7527, 1.0257,
0.0000

■ 88.2194, 97.9550,
66.5480

■ 0.0000, 0.0000,
0.0000

■ 113.7367,
125.7416, 88.9581

143.7535,

158.3409, 115.9070

178.6351,
196.1373, 147.8132

■ 15.3373, 17.7601,
7.9299

■ 15.3373, 17.7601,
7.9299

■ 14.9830, 17.6154,
6.2250

■ 15.7671, 17.9363,
10.0286

■ 14.6984, 17.4980,
4.8884

■ 16.2755, 18.1432,
12.5422

■ 14.4787, 17.4065,
3.8931

■ 16.8668, 18.3834,
15.4920

■ 14.3179, 17.3387,
3.2082

■ 17.5446, 18.6581,
18.8972

■ 14.2079, 17.2911,
2.7897

■ 18.3124, 18.9689,
22.7760

■ 14.1516, 17.2665,
2.5869

■ 19.1735, 19.3170,
27.1455

■ 20.1310, 19.7036,
32.0220

■ 21.1877, 20.1300,
37.4211

■ 22.3466, 20.5972,
43.3577

Harmonies

Analogous

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



18.1345, 17.7601, 7.7749



15.3373, 17.7601, 7.9299



13.2026, 17.7601, 10.5337

Triad

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



15.3373, 17.7601, 7.9299



13.4329, 17.7601, 33.1342



22.7616, 17.7601, 23.0600

Complementary

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



15.3373, 17.7601, 7.9299



7.7819, 6.5998, 18.6341

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.



21.1848, 17.7601, 32.0404



15.3373, 17.7601, 7.9299



15.6856, 17.7601, 38.8611

Square

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



15.3373, 17.7601, 7.9299



12.1904, 17.7601, 24.2672



18.5238, 17.7601, 38.4125



22.6413, 17.7601, 15.1256

Rectangle

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



15.3373, 17.7601, 7.9299



12.3476, 17.7601, 13.8634



18.5238, 17.7601, 38.4125



22.4057, 17.7601, 26.0913

Sweetspot

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



15.3377, 17.7609, 7.9303



29.7591, 32.3698, 27.7227



10.8195, 8.5189, 6.3845



7.0036, 7.6514, 6.3244



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.



15.3377, 17.7609, 7.9303



26.3436, 30.9776, 10.9130



12.2058, 16.1463, 7.7837



4.3006, 4.6303, 4.2916



15.4363, 18.8349, 2.8219



73.5463, 89.7999, 13.4568

Inverse Universe

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



7.7819, 6.5998, 18.6341



11.2283, 8.6470, 32.3303



10.0534, 7.7708, 18.7404



3.8040, 3.8968, 4.9948



3.7281, 1.4947, 19.4773



17.7019, 7.0877, 92.9049

Previews

White Background



This preview shows how the XYZ color 15.3373, 17.7601, 7.9299 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 15.3373, 17.7601, 7.9299 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 15.3373, 17.7601, 7.9299

Background



This preview shows how black text looks on a background with the XYZ color 15.3373, 17.7601, 7.9299.



This preview shows how white text looks on a background with the XYZ color 15.3373, 17.7601,

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

15.3373, 17.7601, 7.9299

Protanopia

16.2467, 17.7051, 7.7154

Deuteranopia

18.0237, 17.7688, 8.1100



Tritanopia

18.0499, 17.8247, 21.2281

Trichromacy



Original Color

15.3373, 17.7601, 7.9299

Protanomaly

15.9192, 17.7102, 7.7336

Deuteranomaly

17.0056, 17.7472, 7.9981

Tritanomaly

16.8620, 17.6810, 15.3560

Monochromacy



Original Color

15.3373, 17.7601, 7.9299

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.6055, 17.0669, 13.7810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3373, 17.7601, 7.9299 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(119, 120, 67)` looks like.

```
.text, #text, p{  
    color:rgb(119, 120, 67)  
}
```

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(119, 120, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 120, 67) }
```

Border

The CSS property to change the border of an element to XYZ 15.3373, 17.7601, 7.9299 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(119, 120, 67) }
```


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

```
.border{ border-color:rgb(119, 120, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 120, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 120, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 120, 67);  
box-shadow:4px 4px 4px 4px rgb(119, 120,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3373, 17.7601, 7.9299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 120, 67) }
```

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

```
.background{ background-color: rgb(119,  
120, 67) }
```

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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