

Converting Colors

XYZ(15.5988, 17.7078, 17.6435)

Have a look what the booklet for
XYZ(15.5988, 17.7078, 17.6435)
contains.

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Color

**XYZ(15.5296, 17.6448,
17.6262)**

Conversions

Conversions Part 1

Format	Color
Hex	6A786F
RGB	106, 120, 111
RGB Percent	42%, 47%, 44%
CMY	0.5843, 0.5294, 0.5647
CMYK	0.12, 0.00, 0.08, 0.53
HSL	141°, 6%, 44%
HSV	141°, 12%, 47%
XYZ	15.5296, 17.6448, 17.6262
YIQ	114.7880, -5.4550, -5.7670

Conversions

Conversions Part 2

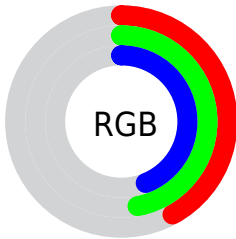
Format	Color
R_{YB}	106, 116, 120
Decimal	6977647
CIE _{Lab}	49.06, -7.10, 3.18
CIE _{LCh}	49, 7.775, 155.891
Y _{xy}	17.6448, 0.3057, 0.3473
Android (android.graphics.Color)	4285167727 (0xFF6A786F)
Y _{UV}	114.7880, -1.8675, -7.7071
Hunter-Lab	42.0057, -7.5182, 4.5251

Details

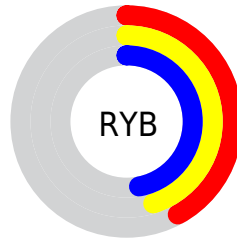
The XYZ color **15.5296, 17.6448, 17.6262** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.9950, 15.5395, 18.3770**, and the grayscale version is **16.2386, 17.0842, 18.6047**.

A 20% lighter version of the original color is **35.2680, 39.3175, 40.3805**, and **5.0182, 5.9234, 5.5815** is the 20% darker color. If you saturate the color by 10%, you get **13.7955, 16.7983, 15.4226**, and if you desaturate by 10%, it is **17.5010, 18.6103, 20.0333**.

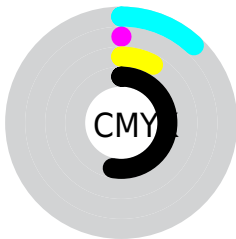
Distribution



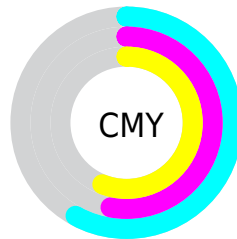
- Red (42%)
- Green (47%)
- Blue (44%)



- Red (42%)
- Yellow (45%)
- Blue (47%)



- Cyan (12%)
- Magenta (0%)
- Yellow (8%)
- Black (53%)



- Cyan (58%)
- Magenta (53%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5296, 17.6448, 17.6262 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 15.5296, 17.6448, 17.6262 by changing the saturation by 10% instead.

■ 15.5296, 17.6448,
17.6262

■ 15.5296, 17.6448,
17.6262

219.8751,
238.8613, 250.9206

■ 9.2806, 10.6953,
10.5153

■ 35.3437, 39.4311,
40.2046

■ 4.9833, 5.8623,
5.6319

■ 49.6395, 55.0367,
56.5093

■ 2.2721, 2.7615,
2.5574

■ 67.3484, 74.2965,
76.7155

■ 0.7803, 1.0085,
0.8704

■ 88.8356, 97.5948,
101.2420

■ 0.0000, 0.0000,
0.0000

114.4665,
125.3160, 130.5072

144.6065,

157.8446, 164.9296

179.6209,
195.5649, 204.9279

■ 15.5296, 17.6448,
17.6262

■ 15.5296, 17.6448,
17.6262

■ 13.7955, 16.7983,
15.4226

■ 17.5010, 18.6103,
20.0333

■ 12.2881, 16.0641,
13.4160

■ 19.7168, 19.6971,
22.6476

■ 10.9981, 15.4379,
11.6013

■ 22.1858, 20.9099,
25.4746

■ 9.9149, 14.9144,
9.9728

■ 24.9158, 22.2527,
28.5188

■ 9.0271, 14.4879,
8.5245

■ 27.9142, 23.7293,
31.7848

■ 8.3222, 14.1520,
7.2500

■ 31.1883, 25.3432,
35.2772

■ 7.7860, 13.8995,
6.1427

■ 34.7450, 27.0980,
39.0000

■ 7.4022, 13.7222,
5.1952

■ 38.5908, 28.9970,
42.9576

■ 7.1501, 13.6069,
4.5207

■ 42.7323, 31.0434,
47.1540

Harmonies

Analogous

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



15.9663, 17.6448, 16.1542



15.5296, 17.6448, 17.6262



15.4213, 17.6448, 19.6252

Triad

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



15.5296, 17.6448, 17.6262



16.9144, 17.6448, 23.4662



17.9264, 17.6448, 16.9641

Complementary

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



15.5296, 17.6448, 17.6262



15.9950, 15.5395, 18.3770

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.



18.1970, 17.6448, 18.8051



15.5296, 17.6448, 17.6262



17.6020, 17.6448, 22.6336

Square

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



15.5296, 17.6448, 17.6262



16.2075, 17.6448, 23.0941



18.0765, 17.6448, 20.8906



17.3471, 17.6448, 15.7917

Rectangle

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



15.5296, 17.6448, 17.6262



15.5470, 17.6448, 21.0099



18.0765, 17.6448, 20.8906



18.0573, 17.6448, 17.5201

Sweetspot

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



15.5301, 17.6455, 17.6266



29.8981, 32.2989, 34.1713



16.4021, 18.1260, 16.2702



7.0311, 7.6279, 8.0323



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.



15.5301, 17.6455, 17.6266



26.4572, 30.6154, 29.9290



15.9250, 17.8035, 19.7062



4.0045, 4.4714, 4.5577



7.7936, 14.8411, 4.8980



36.8035, 70.6444, 21.4012

Inverse Universe

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



15.9950, 15.5395, 18.3770



27.4445, 26.1416, 31.5226



15.6124, 15.3865, 16.3627



4.0966, 4.0544, 4.7063



9.9105, 4.9403, 8.0853



46.8568, 23.3991, 36.3717

Previews

White Background



This preview shows how the XYZ color 15.5296, 17.6448, 17.6262 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 15.5296, 17.6448, 17.6262 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

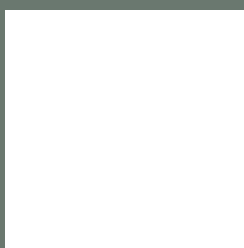
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.5296, 17.6448, 17.6262

Background



This preview shows how black text looks on a background with the XYZ color 15.5296, 17.6448, 17.6262.



This preview shows how white text looks on a background with the XYZ color 15.5296, 17.6448,

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

15.5296, 17.6448, 17.6262

Protanopia

16.7514, 17.5880, 16.9799

Deuteranopia

17.9390, 17.6696, 18.0879



Tritanopia

16.6159, 17.7404, 22.6272

Trichromacy



Original Color

15.5296, 17.6448, 17.6262

Protanomaly

16.2460, 17.4932, 17.2721

Deuteranomaly

17.0552, 17.7256, 17.8517

Tritanomaly

16.2324, 17.7623, 20.6621

Monochromacy



Original Color

15.5296, 17.6448, 17.6262

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.0806, 17.3822, 18.4272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5296, 17.6448, 17.6262 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(106, 120, 111)` looks like.

```
.text, #text, p{  
    color:rgb(106, 120, 111)  
}
```

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(106, 120, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 120, 111) }
```

Border

The CSS property to change the border of an element to XYZ 15.5296, 17.6448, 17.6262 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(106, 120, 111) }
```


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

```
.border{ border-color:rgb(106, 120, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 120, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 120, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 120, 111);  
box-shadow:4px 4px 4px 4px rgb(106, 120,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5296, 17.6448, 17.6262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 120, 111) }
```

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

```
.background{ background-color: rgb(106,  
120, 111) }
```

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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