

Converting Colors

XYZ(17.0122, 16.6644, 20.8625)

Have a look what the booklet for
XYZ(17.0122, 16.6644, 20.8625)
contains.

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Color

**XYZ(16.9739, 16.6219,
20.7261)**

Conversions

Conversions Part 1

Format	Color
Hex	796E7A
RGB	121, 110, 122
RGB Percent	47%, 43%, 48%
CMY	0.5255, 0.5686, 0.5216
CMYK	0.01, 0.10, 0.00, 0.52
HSL	295°, 5%, 45%
HSV	295°, 10%, 48%
XYZ	16.9739, 16.6219, 20.7261
YIQ	114.6570, 2.7040, 6.0640

Conversions

Conversions Part 2

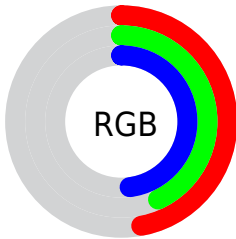
Format	Color
R_{YB}	121, 110, 122
Decimal	7958138
CIE _{Lab}	47.78, 6.65, -5.08
CIE _{LCh}	48, 8.374, 322.625
Yxy	16.6219, 0.3125, 0.3060
Android (android.graphics.Color)	4286148218 (0xFF796E7A)
YUV	114.6570, 3.6201, 5.5628
Hunter-Lab	40.7700, 2.9681, -1.6021

Details

The XYZ color **16.9739, 16.6219, 20.7261** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.3302, 18.4248, 17.4483**, and the grayscale version is **16.1811, 17.0238, 18.5389**.

A 20% lighter version of the original color is **37.7939, 37.7809, 45.3449**, and **5.5977, 5.3040, 7.0321** is the 20% darker color. If you saturate the color by 10%, you get **15.6056, 14.0956, 20.3108**, and if you desaturate by 10%, it is **18.5259, 19.5130, 21.2026**.

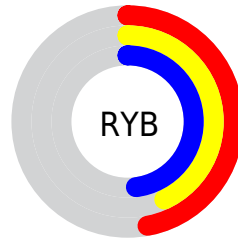
Distribution



Red (47%)

Green (43%)

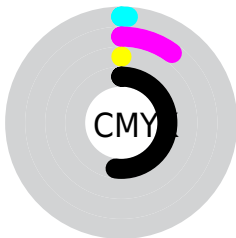
Blue (48%)



Red (47%)

Yellow (43%)

Blue (48%)

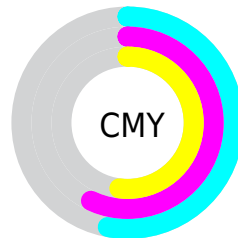


Cyan (1%)

Magenta (10%)

Yellow (0%)

Black (52%)



Cyan (53%)

Magenta (57%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9739, 16.6219, 20.7261 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 16.9739, 16.6219, 20.7261 by changing the saturation by 10% instead.

■ 16.9739, 16.6219,
20.7261

■ 16.9739, 16.6219,
20.7261

228.1811,
232.9840, 268.5523

■ 10.3111, 9.9653,
12.7346

■ 37.8248, 37.6745,
45.5061

■ 5.6695, 5.3759,
7.1175

■ 52.7437, 52.8393,
63.1317

■ 2.6839, 2.4695,
3.4561

■ 71.1452, 71.6090,
84.8058

■ 0.9889, 0.8613,
1.3320

■ 93.3948, 94.3679,
110.9469

■ 0.0000, 0.0000,
0.0878

119.8579,
121.5005, 141.9736

■ 0.0000, 0.0000,
0.0000

150.8997,

153.3911, 178.3044

186.8857,
190.4241, 220.3578

■ 16.9739, 16.6219,
20.7261

■ 16.9739, 16.6219,
20.7261

■ 15.6056, 14.0956,
20.3108

■ 18.5259, 19.5130,
21.2026

■ 14.4122, 11.9170,
19.9532

■ 20.2671, 22.7805,
21.7415

■ 13.3864, 10.0714,
19.6510

■ 22.2046, 26.4383,
22.3454

■ 12.5196, 8.5416,
19.4015

■ 24.3447, 30.4989,
23.0164

■ 11.8026, 7.3092,
19.2014

■ 26.6932, 34.9743,
23.7565

■ 11.2253, 6.3540,
19.0474

■ 29.2560, 39.8760,
24.5675

■ 10.7762, 5.6530,
18.9358

■ 32.0386, 45.2148,
25.4513

■ 10.4420, 5.1797,
18.8621

■ 35.0462, 51.0016,
26.4098

■ 10.1778, 4.8443,
18.8112

■ 38.2840, 57.2465,
27.4445

Harmonies

Analogous

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



16.3605, 16.6219, 22.1895



16.9739, 16.6219, 20.7261



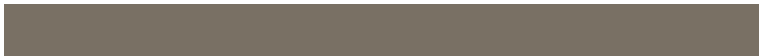
17.2741, 16.6219, 18.6344

Triad

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



16.9739, 16.6219, 20.7261



15.9847, 16.6219, 14.2998



14.5031, 16.6219, 19.7361

Complementary

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



16.9739, 16.6219, 20.7261



16.3302, 18.4248, 17.4483

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.



14.4097, 16.6219, 17.5729



16.9739, 16.6219, 20.7261



15.2497, 16.6219, 14.5439

Square

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



16.9739, 16.6219, 20.7261



16.6913, 16.6219, 15.0075



14.6789, 16.6219, 15.7028



14.9383, 16.6219, 21.5870

Rectangle

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



16.9739, 16.6219, 20.7261



17.2497, 16.6219, 17.2097



14.6789, 16.6219, 15.7028



14.4313, 16.6219, 19.0173

Sweetspot

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



16.9744, 16.6226, 20.7265



31.6724, 32.6108, 37.0181



15.6502, 16.1335, 20.7018



7.1965, 7.3718, 8.4503



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.



16.9744, 16.6226, 20.7265



29.2422, 28.0942, 36.2744



16.8251, 16.5792, 19.2052



4.1231, 4.0613, 5.0098



10.7076, 5.0927, 19.8039



50.7284, 24.1134, 94.4505

Inverse Universe

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



16.4718, 16.4379, 17.3444



28.1575, 27.6960, 28.9479



16.4735, 18.4677, 18.8564



4.0106, 4.0200, 4.2536



8.5072, 4.3790, 0.6960



40.4438, 20.8339, 2.6013

Previews

White Background



This preview shows how the XYZ color 16.9739, 16.6219, 20.7261 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 16.9739, 16.6219, 20.7261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.9739, 16.6219, 20.7261

Background



This preview shows how black text looks on a background with the XYZ color 16.9739, 16.6219, 20.7261.



This preview shows how white text looks on a background with the XYZ color 16.9739, 16.6219,

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

16.9739, 16.6219, 20.7261

Protanopia

16.2253, 16.7102, 21.4390

Deuteranopia

16.9739, 16.6219, 20.7261



Tritanopia

16.7909, 16.5487, 19.7620

Trichromacy



Original Color

16.9739, 16.6219, 20.7261

Protanomaly

16.4396, 16.6632, 21.0888

Deuteranomaly

16.9739, 16.6219, 20.7261

Tritanomaly

16.8513, 16.5729, 20.0800

Monochromacy



Original Color

16.9739, 16.6219, 20.7261

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.5113, 16.9002, 19.5314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9739, 16.6219, 20.7261 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, 110, 122)` looks like.

```
.text, #text, p{  
    color:rgb(121, 110, 122)  
}
```

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, 110, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 110, 122) }
```

Border

The CSS property to change the border of an element to XYZ 16.9739, 16.6219, 20.7261 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, 110, 122) }
```


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

```
.border{ border-color:rgb(121, 110, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 110, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 110, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 110, 122);  
box-shadow:4px 4px 4px 4px rgb(121, 110,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9739, 16.6219, 20.7261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 110, 122) }
```

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

```
.background{ background-color: rgb(121,  
110, 122) }
```

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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