

Converting Colors

XYZ(16.8876, 16.9260, 17.0266)

Have a look what the booklet for
XYZ(16.8876, 16.9260, 17.0266)
contains.

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Color

**XYZ(16.9208, 16.9992,
17.1412)**

Conversions

Conversions Part 1

Format	Color
Hex	7C706E
RGB	124, 112, 110
RGB Percent	49%, 44%, 43%
CMY	0.5137, 0.5608, 0.5686
CMYK	0.00, 0.10, 0.11, 0.51
HSL	9°, 6%, 46%
HSV	9°, 11%, 49%
XYZ	16.9208, 16.9992, 17.1412
YIQ	115.3600, 7.7940, 1.9220

Conversions

Conversions Part 2

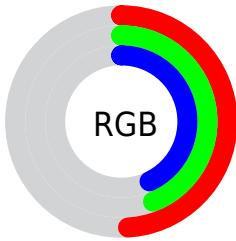
Format	Color
R_{YB}	124, 112, 110
Decimal	8155246
CIE Lab	48.26, 4.30, 2.80
CIE LCh	48, 5.128, 33.091
Yxy	16.9992, 0.3314, 0.3329
Android (android.graphics.Color)	4286345326 (0xFF7C706E)
YUV	115.3600, -2.6425, 7.5773
Hunter-Lab	41.2301, 1.1036, 4.2115

Details

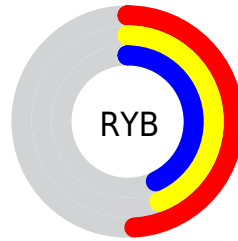
The XYZ color **16.9208, 16.9992, 17.1412** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.0279, 18.6889, 21.7788**, and the grayscale version is **16.4115, 17.2662, 18.8029**.

A 20% lighter version of the original color is **37.9285, 38.5067, 39.6159**, and **5.6322, 5.5215, 5.4715** is the 20% darker color. If you saturate the color by 10%, you get **15.1884, 14.5401, 13.4627**, and if you desaturate by 10%, it is **18.8871, 19.7744, 21.3642**.

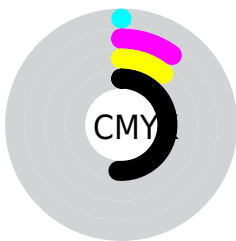
Distribution



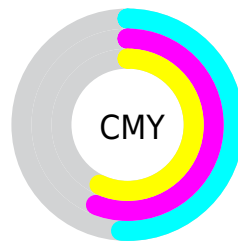
- Red (49%)
- Green (44%)
- Blue (43%)



- Red (49%)
- Yellow (44%)
- Blue (43%)



- Cyan (0%)
- Magenta (10%)
- Yellow (11%)
- Black (51%)



- Cyan (51%)
- Magenta (56%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9208, 16.9992, 17.1412 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 16.9208, 16.9992, 17.1412 by changing the saturation by 10% instead.

■ 16.9208, 16.9992,
17.1412

■ 16.9208, 16.9992,
17.1412

227.8807,
235.1678, 248.0562

■ 10.2730, 10.2339,
10.1722

■ 37.7342, 38.3244,
39.3624

■ 5.6440, 5.5543,
5.4062

■ 52.6306, 53.6531,
55.4516

■ 2.6684, 2.5760,
2.4246

■ 71.0071, 72.6051,
75.4180

■ 0.9809, 0.9146,
0.7998

■ 93.2293, 95.5647,
99.6801

■ 0.0000, 0.0000,
0.0000

119.6623,
122.9164, 128.6564

150.6717,

155.0446, 162.7655

186.6227,
192.3335, 202.4259

■ 16.9208, 16.9992,
17.1412

■ 16.9208, 16.9992,
17.1412

■ 15.1884, 14.5401,
13.4627

■ 18.8871, 19.7744,
21.3642

■ 13.6797, 12.3837,
10.3055

■ 21.0941, 22.8741,
26.1516

■ 12.3859, 10.5189,
7.6463

■ 23.5500, 26.3090,
31.5235

■ 11.2973, 8.9333,
5.4596

■ 26.2624, 30.0889,
37.4986

■ 10.4031, 7.6131,
3.7176

■ 29.2384, 34.2230,
44.0949

■ 9.6916, 6.5440,
2.3896

■ 32.4849, 38.7202,
51.3298

■ 9.1499, 5.7097,
1.4410

■ 36.0085, 43.5891,
59.2196

■ 8.7632, 5.0923,
0.8316

■ 39.8156, 48.8381,
67.7805

■ 8.5243, 4.7092,
0.4597

■ 43.9123, 54.4751,
77.0277

Harmonies

Analogous

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



17.0700, 16.9992, 18.3710



16.9208, 16.9992, 17.1412



16.5668, 16.9992, 16.3107

Triad

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



16.9208, 16.9992, 17.1412



15.3701, 16.9992, 17.3703



16.2057, 16.9992, 21.1960

Complementary

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



16.9208, 16.9992, 17.1412



17.0279, 18.6889, 21.7788

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.



15.7545, 16.9992, 20.8970



16.9208, 16.9992, 17.1412



15.2776, 16.9992, 18.6482

Square

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



16.9208, 16.9992, 17.1412



15.6722, 16.9992, 16.4384



15.4170, 16.9992, 19.9482



16.6522, 16.9992, 20.7471

Rectangle

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



16.9208, 16.9992, 17.1412



16.2654, 16.9992, 16.0732



15.4170, 16.9992, 19.9482



16.0495, 16.9992, 21.1797

Sweetspot

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



16.9213, 17.0000, 17.1416



32.5898, 33.8871, 36.2005



17.4094, 16.8456, 20.7898



7.6140, 7.8944, 8.3935



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



16.9213, 17.0000, 17.1416



28.8068, 28.5411, 28.0959



17.7078, 18.5730, 17.4037



4.0403, 4.0991, 4.2027



8.6644, 4.7846, 0.4669



40.9422, 22.0478, 2.0978

Inverse Universe

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



17.0279, 18.6889, 21.7788



29.0402, 32.2385, 38.2487



16.2147, 17.0624, 21.5077



4.0606, 4.4194, 5.0822



8.9644, 12.0113, 21.2312



42.2861, 56.3449, 101.1167

Previews

White Background



This preview shows how the XYZ color 16.9208, 16.9992, 17.1412 looks on a white background.

Color Contrast Check

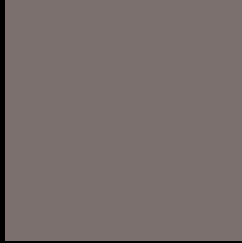
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.9208, 16.9992, 17.1412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

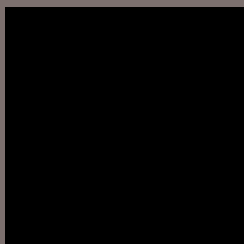
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.9208, 16.9992, 17.1412

Background



This preview shows how black text looks on a background with the XYZ color 16.9208, 16.9992, 17.1412.



This preview shows how white text looks on a background with the XYZ color 16.9208, 16.9992,

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

16.9208, 16.9992, 17.1412

Protanopia

16.2227, 16.9642, 17.4583

Deuteranopia

17.2513, 17.0067, 17.1252



Tritanopia

17.4717, 17.0608, 19.8250

Trichromacy



Original Color

16.9208, 16.9992, 17.1412

Protanomaly

16.5201, 16.9510, 17.4401

Deuteranomaly

17.1031, 16.9303, 17.1183

Tritanomaly

17.2943, 16.9898, 18.8909

Monochromacy



Original Color

16.9208, 16.9992, 17.1412

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.4692, 17.0784, 18.0512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9208, 16.9992, 17.1412 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(124, 112, 110)` looks like.

```
.text, #text, p{  
    color:rgb(124, 112, 110)  
}
```

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(124, 112, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 112, 110) }
```

Border

The CSS property to change the border of an element to XYZ 16.9208, 16.9992, 17.1412 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(124, 112, 110) }
```


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

```
.border{ border-color:rgb(124, 112, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 112, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 112, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 112, 110);  
box-shadow:4px 4px 4px 4px rgb(124, 112,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9208, 16.9992, 17.1412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 112, 110) }
```

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

```
.background{ background-color: rgb(124,  
112, 110) }
```

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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