

Converting Colors

XYZ(16.7890, 16.6249, 16.7805)

Have a look what the booklet for
XYZ(16.7890, 16.6249, 16.7805)
contains.

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Color

**XYZ(16.7937, 16.6160,
16.7901)**

Conversions

Conversions Part 1

Format	Color
Hex	7D6E6D
RGB	125, 110, 109
RGB Percent	49%, 43%, 43%
CMY	0.5098, 0.5686, 0.5725
CMYK	0.00, 0.12, 0.13, 0.51
HSL	4°, 7%, 46%
HSV	4°, 13%, 49%
XYZ	16.7937, 16.6160, 16.7901
YIQ	114.3710, 9.2610, 2.8690

Conversions

Conversions Part 2

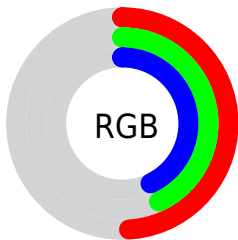
Format	Color
R_{YB}	125, 110, 109
Decimal	8220269
CIE _{Lab}	47.77, 5.69, 2.70
CIE _{LCh}	48, 6.297, 25.423
Yxy	16.6160, 0.3345, 0.3310
Android (android.graphics.Color)	4286410349 (0xFF7D6E6D)
YUV	114.3710, -2.6479, 9.3216
Hunter-Lab	40.7627, 2.2048, 4.1125

Details

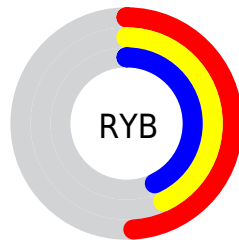
The XYZ color **16.7937, 16.6160, 16.7901** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.2159, 19.1467, 22.1905**, and the grayscale version is **16.1119, 16.9509, 18.4596**.

A 20% lighter version of the original color is **37.6256, 37.8437, 38.5792**, and **5.5726, 5.3295, 5.2924** is the 20% darker color. If you saturate the color by 10%, you get **14.9865, 14.0029, 13.1006**, and if you desaturate by 10%, it is **18.8647, 19.6033, 21.0402**.

Distribution



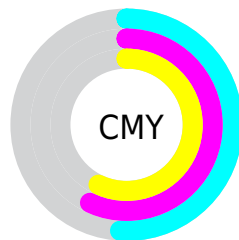
- Red (49%)
- Green (43%)
- Blue (43%)



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



- Cyan (0%)
- Magenta (12%)
- Yellow (13%)
- Black (51%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7937, 16.6160, 16.7901 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 16.7937, 16.6160, 16.7901 by changing the saturation by 10% instead.

■ 16.7937, 16.6160,
16.7901

■ 16.7937, 16.6160,
16.7901

227.1602,
232.9497, 245.9627

■ 10.1819, 9.9611,
9.9246

■ 37.5172, 37.6644,
38.7502

■ 5.5829, 5.3732,
5.2440

■ 52.3595, 52.8266,
54.6819

■ 2.6314, 2.4678,
2.3299

■ 70.6761, 71.5934,
74.4727

■ 0.9620, 0.8605,
0.7479

■ 92.8324, 94.3492,
98.5412

■ 0.0000, 0.0000,
0.0000

119.1935,
121.4783, 127.3059

150.1250,

153.3651, 161.1854

185.9921,
190.3941, 200.5981

■ 16.7937, 16.6160,
16.7901

■ 16.7937, 16.6160,
16.7901

■ 14.9865, 14.0029,
13.1006

■ 18.8647, 19.6033,
21.0402

■ 13.4312, 11.7470,
9.9472

■ 21.2081, 22.9762,
25.8717

■ 12.1171, 9.8336,
7.3053

■ 23.8338, 26.7488,
31.3058

■ 11.0320, 8.2459,
5.1479

■ 26.7507, 30.9334,
37.3622

■ 10.1628, 6.9657,
3.4457

■ 29.9674, 35.5421,
44.0598

■ 9.4950, 5.9731,
2.1659

■ 33.4921, 40.5862,
51.4167

■ 9.0125, 5.2458,
1.2716

■ 37.3327, 46.0769,
59.4502

■ 8.6961, 4.7583,
0.7186

■ 41.4969, 52.0247,
68.1770

■ 8.5425, 4.5300,
0.4241

■ 45.9919, 58.4400,
77.6133

Harmonies

Analogous

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



16.8998, 16.6160, 18.3412



16.7937, 16.6160, 16.7901



16.4170, 16.6160, 15.6514

Triad

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



16.7937, 16.6160, 16.7901



14.9161, 16.6160, 16.3846



15.7066, 16.6160, 21.3708

Complementary

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



16.7937, 16.6160, 16.7901



17.2159, 19.1467, 22.1905

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.



15.1850, 16.6160, 20.7739



16.7937, 16.6160, 16.7901



14.7356, 16.6160, 17.8451

Square

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



16.7937, 16.6160, 16.7901



15.3316, 16.6160, 15.4273



14.8329, 16.6160, 19.4595



16.2636, 16.6160, 21.0471

Rectangle

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



16.7937, 16.6160, 16.7901



16.0678, 16.6160, 15.2473



14.8329, 16.6160, 19.4595



15.5214, 16.6160, 21.2702

Sweetspot

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



16.7942, 16.6167, 16.7905



33.2738, 34.3722, 36.6324



17.5770, 16.7578, 21.4435



7.5115, 7.7361, 8.2151



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.



16.7942, 16.6167, 16.7905



29.2002, 28.4940, 28.2798



17.6728, 18.3741, 17.0833



4.3478, 4.3842, 4.5372



8.9138, 4.7239, 0.4420



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.2159, 19.1467, 22.1905



30.0912, 33.8396, 39.6901



16.2770, 17.2690, 21.8775



4.4241, 4.8422, 5.5147



10.5213, 14.8610, 22.5639



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.7937, 16.6160, 16.7901 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 16.7937, 16.6160, 16.7901 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

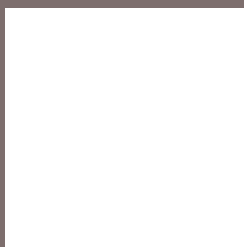
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.7937, 16.6160, 16.7901

Background



This preview shows how black text looks on a background with the XYZ color 16.7937, 16.6160, 16.7901.



This preview shows how white text looks on a background with the XYZ color 16.7937, 16.6160,

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

16.7937, 16.6160, 16.7901

Protanopia

15.9768, 16.6710, 17.4147

Deuteranopia

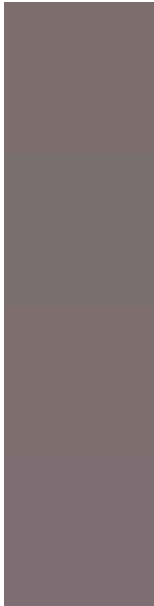
16.9404, 16.6916, 16.7969



Tritanopia

17.2837, 16.6573, 19.1338

Trichromacy



Original Color

16.7937, 16.6160, 16.7901

Protanomaly

16.2164, 16.6361, 17.1082

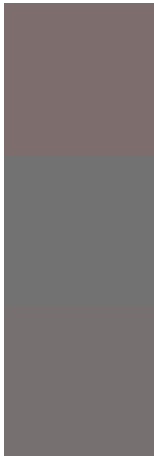
Deuteranomaly

16.9404, 16.6916, 16.7969

Tritanomaly

17.1101, 16.5878, 18.2196

Monochromacy



Original Color

16.7937, 16.6160, 16.7901

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.3010, 16.8317, 17.7189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7937, 16.6160, 16.7901 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(125, 110, 109)` looks like.

```
.text, #text, p{  
    color:rgb(125, 110, 109)  
}
```

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(125, 110, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 110, 109) }
```

Border

The CSS property to change the border of an element to XYZ 16.7937, 16.6160, 16.7901 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(125, 110, 109) }
```


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

```
.border{ border-color:rgb(125, 110, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 110, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 110, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 110, 109);  
box-shadow:4px 4px 4px 4px rgb(125, 110,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7937, 16.6160, 16.7901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 110, 109) }
```

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

```
.background{ background-color: rgb(125,  
110, 109) }
```

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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