

Converting Colors

XYZ(16.3166, 15.9527, 16.0740)

Have a look what the booklet for
XYZ(16.3166, 15.9527, 16.0740)
contains.

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Color

**XYZ(16.3690, 15.9369,
16.1233)**

Conversions

Conversions Part 1

Format	Color
Hex	7D6B6B
RGB	125, 107, 107
RGB Percent	49%, 42%, 42%
CMY	0.5098, 0.5804, 0.5804
CMYK	0.00, 0.14, 0.14, 0.51
HSL	0°, 8%, 45%
HSV	0°, 14%, 49%
XYZ	16.3690, 15.9369, 16.1233
YIQ	112.3820, 10.7280, 3.8160

Conversions

Conversions Part 2

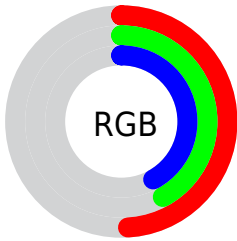
Format	Color
R_{YB}	125, 107, 107
Decimal	8219499
CIE Lab	46.89, 7.10, 2.62
CIE LCh	47, 7.568, 20.282
Yxy	15.9369, 0.3380, 0.3291
Android (android.graphics.Color)	4286409579 (0xFF7D6B6B)
YUV	112.3820, -2.6533, 11.0660
Hunter-Lab	39.9210, 3.3293, 3.9987

Details

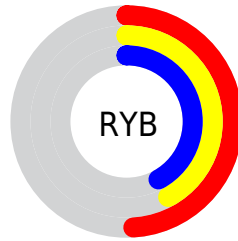
The XYZ color **16.3690, 15.9369, 16.1233** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.0986, 19.2733, 22.2212**, and the grayscale version is **15.5191, 16.3273, 17.7804**.

A 20% lighter version of the original color is **36.7585, 36.3873, 37.4338**, and **5.4120, 5.0945, 4.9731** is the 20% darker color. If you saturate the color by 10%, you get **14.5482, 13.2726, 12.5030**, and if you desaturate by 10%, it is **18.4742, 19.0174, 20.3079**.

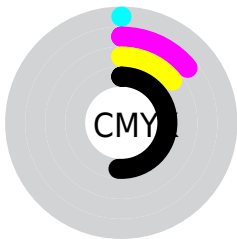
Distribution



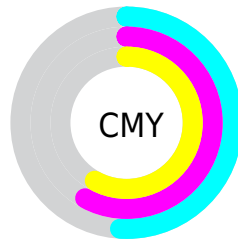
- Red (49%)
- Green (42%)
- Blue (42%)



- Red (49%)
- Yellow (42%)
- Blue (42%)



- Cyan (0%)
- Magenta (14%)
- Yellow (14%)
- Black (51%)



- Cyan (51%)
- Magenta (58%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3690, 15.9369, 16.1233 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 16.3690, 15.9369, 16.1233 by changing the saturation by 10% instead.

■ 16.3690, 15.9369,
16.1233

■ 16.3690, 15.9369,
16.1233

224.7372,
228.9691, 241.9387

■ 9.8781, 9.4795,
9.4561

■ 36.7899, 36.4886,
37.5819

■ 5.3799, 5.0552,
4.9390

■ 51.4507, 51.3518,
53.2104

■ 2.5089, 2.2797,
2.1534

■ 69.5655, 69.7856,
72.6631

■ 0.8997, 0.7629,
0.6473

■ 91.4997, 92.1745,
96.3586

■ 0.0000, 0.0000,
0.0000

117.6186,
118.9029, 124.7153

148.2876,

150.3552, 158.1519

183.8720,
186.9158, 197.0868

■ 16.3690, 15.9369,
16.1233

■ 16.3690, 15.9369,
16.1233

■ 14.5482, 13.2726,
12.5030

■ 18.4742, 19.0174,
20.3079

■ 12.9983, 11.0047,
9.4218

■ 20.8737, 22.5285,
25.0784

■ 11.7068, 9.1149,
6.8544

■ 23.5789, 26.4868,
30.4565

■ 10.6597, 7.5826,
4.7727

■ 26.5999, 30.9073,
36.4625

■ 9.8415, 6.3853,
3.1463

■ 29.9464, 35.8041,
43.1158

■ 9.2351, 5.4980,
1.9410

■ 33.6278, 41.1908,
50.4349

■ 8.8211, 4.8921,
1.1181

■ 37.6531, 47.0807,
58.4375

■ 8.5720, 4.5277,
0.6231

■ 42.0308, 53.4862,
67.1409

■ 8.4577, 4.3604,
0.3959

■ 46.7692, 60.4196,
76.5616

Harmonies

Analogous

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



16.4327, 15.9369, 17.9731



16.3690, 15.9369, 16.1233



15.9728, 15.9369, 14.7051

Triad

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



16.3690, 15.9369, 16.1233



14.1925, 15.9369, 15.1328



14.9344, 15.9369, 21.1859

Complementary

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



16.3690, 15.9369, 16.1233



17.0986, 19.2733, 22.2212

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.



14.3512, 15.9369, 20.3001



16.3690, 15.9369, 16.1233



13.9312, 15.9369, 16.7465

Square

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



16.3690, 15.9369, 16.1233



14.7120, 15.9369, 14.1627



13.9884, 15.9369, 18.6428



15.5916, 15.9369, 20.9887

Rectangle

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



16.3690, 15.9369, 16.1233



15.5796, 15.9369, 14.1520



13.9884, 15.9369, 18.6428



14.7235, 15.9369, 21.0026

Sweetspot

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



16.3694, 15.9376, 16.1236



33.2048, 34.2342, 36.6094



17.4170, 16.3563, 21.6413



7.4934, 7.7000, 8.2091



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.



16.3694, 15.9376, 16.1236



28.2788, 27.0263, 26.8165



17.3569, 17.9125, 16.4528



4.3278, 4.3443, 4.5306



8.8272, 4.5509, 0.4132



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.0986, 19.2733, 22.2212



29.8261, 34.1045, 39.7552



16.0107, 17.0975, 21.8585



4.4464, 4.8868, 5.5222



11.5154, 16.8493, 22.8953



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.3690, 15.9369, 16.1233 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 16.3690, 15.9369, 16.1233 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 16.3690, 15.9369, 16.1233

Background



This preview shows how black text looks on a background with the XYZ color 16.3690, 15.9369, 16.1233.



This preview shows how white text looks on a background with the XYZ color 16.3690, 15.9369,

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

16.3690, 15.9369, 16.1233

Protanopia

15.3842, 16.0504, 16.7552

Deuteranopia

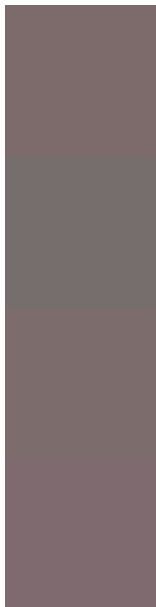
16.3286, 16.0717, 16.1515



Tritanopia

16.7955, 15.9586, 18.1147

Trichromacy



Original Color

16.3690, 15.9369, 16.1233

Protanomaly

15.7539, 16.0861, 16.4620

Deuteranomaly

16.3286, 16.0717, 16.1515

Tritanomaly

16.6275, 15.8914, 17.2299

Monochromacy



Original Color

16.3690, 15.9369, 16.1233

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.7265, 16.0596, 17.0228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3690, 15.9369, 16.1233 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, 107, 107)` looks like.

```
.text, #text, p{  
    color:rgb(125, 107, 107)  
}
```

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, 107, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 107, 107) }
```

Border

The CSS property to change the border of an element to XYZ 16.3690, 15.9369, 16.1233 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, 107, 107) }
```


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

```
.border{ border-color:rgb(125, 107, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 107, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 107, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 107, 107);  
box-shadow:4px 4px 4px 4px rgb(125, 107,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3690, 15.9369, 16.1233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 107, 107) }
```

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

```
.background{ background-color: rgb(125,  
107, 107) }
```

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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