

Converting Colors

XYZ(15.4353, 16.7528, 16.6607)

Have a look what the booklet for
XYZ(15.4353, 16.7528, 16.6607)
contains.

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Color

**XYZ(15.3931, 16.7237,
16.6041)**

Conversions

Conversions Part 1

Format	Color
Hex	6F736C
RGB	111, 115, 108
RGB Percent	44%, 45%, 42%
CMY	0.5647, 0.5490, 0.5765
CMYK	0.03, 0.00, 0.06, 0.55
HSL	94°, 3%, 44%
HSV	94°, 6%, 45%
XYZ	15.3931, 16.7237, 16.6041
YIQ	113.0060, -0.1370, -3.0250

Conversions

Conversions Part 2

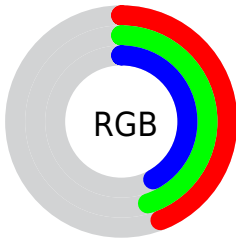
Format	Color
R_{YB}	108, 115, 112
Decimal	7304044
CIE Lab	47.91, -2.93, 3.34
CIE LCh	48, 4.443, 131.303
Yxy	16.7237, 0.3159, 0.3433
Android (android.graphics.Color)	4285494124 (0xFF6F736C)
YUV	113.0060, -2.4680, -1.7593
Hunter-Lab	40.8946, -4.3766, 4.5532

Details

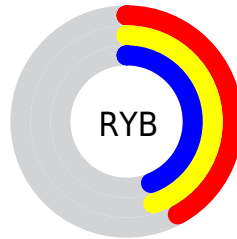
The XYZ color **15.3931, 16.7237, 16.6041** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.1398, 15.4082, 18.3966**, and the grayscale version is **15.7053, 16.5232, 17.9938**.

A 20% lighter version of the original color is **35.1810, 37.9272, 38.2673**, and **4.8994, 5.4080, 5.2005** is the 20% darker color. If you saturate the color by 10%, you get **14.0243, 16.0846, 13.5531**, and if you desaturate by 10%, it is **16.9045, 17.4279, 20.0840**.

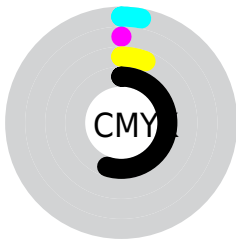
Distribution



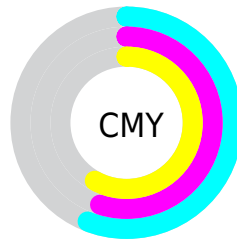
- Red (44%)
- Green (45%)
- Blue (42%)



- Red (42%)
- Yellow (45%)
- Blue (44%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (55%)



- Cyan (56%)
- Magenta (55%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3931, 16.7237, 16.6041 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 15.3931, 16.7237, 16.6041 by changing the saturation by 10% instead.

■ 15.3931, 16.7237,
16.6041

■ 15.3931, 16.7237,
16.6041

219.0749,
233.5751, 244.8467

■ 9.1838, 10.0377,
9.7937

■ 35.1074, 37.8501,
38.4251

■ 4.9194, 5.4240,
5.1586

■ 49.3431, 53.0593,
54.2727

■ 2.2343, 2.4981,
2.2802

■ 66.9850, 71.8783,
73.9699

■ 0.7607, 0.8757,
0.7201

■ 88.3984, 94.6916,
97.9350

■ 0.0000, 0.0000,
0.0000

113.9488,
121.8835, 126.5867

144.0014,

153.8385, 160.3436

178.9217,
190.9409, 199.6240

■ 15.3931, 16.7237,
16.6041

■ 15.3931, 16.7237,
16.6041

■ 14.0243, 16.0846,
13.5531

■ 16.9045, 17.4279,
20.0840

■ 12.7922, 15.5066,
10.9133

■ 18.5613, 18.1969,
24.0074

■ 11.6926, 14.9883,
8.6674

■ 20.3680, 19.0332,
28.3895

■ 10.7206, 14.5276,
6.7965

■ 22.3285, 19.9384,
33.2445

■ 9.8707, 14.1222,
5.2801

■ 24.4465, 20.9142,
38.5860

■ 9.1373, 13.7696,
4.0956

■ 26.7256, 21.9622,
44.4270

■ 8.5141, 13.4671,
3.2181

■ 29.1693, 23.0839,
50.7800

■ 7.9939, 13.2116,
2.6189

■ 31.7809, 24.2807,
57.6572

■ 7.5639, 12.9979,
2.2394

■ 34.5637, 25.5541,
65.0703

Harmonies

Analogous

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



15.7451, 16.7237, 16.1335



15.3931, 16.7237, 16.6041



15.1779, 16.7237, 17.5122

Triad

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



15.3931, 16.7237, 16.6041



15.6501, 16.7237, 20.3765



16.6616, 16.7237, 17.7809

Complementary

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



15.3931, 16.7237, 16.6041



15.1398, 15.4082, 18.3966

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.



16.6351, 16.7237, 18.9246



15.3931, 16.7237, 16.6041



16.0466, 16.7237, 20.4558

Square

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



15.3931, 16.7237, 16.6041



15.3245, 16.7237, 19.7022



16.4085, 16.7237, 19.9147



16.4802, 16.7237, 16.7937

Rectangle

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



15.3931, 16.7237, 16.6041



15.1388, 16.7237, 18.2594



16.4085, 16.7237, 19.9147



16.6768, 16.7237, 18.1592

Sweetspot

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



15.3936, 16.7244, 16.6045



28.6247, 30.4413, 32.1526



15.5682, 16.3092, 16.5151



6.8388, 7.2668, 7.6934



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



15.3936, 16.7244, 16.6045



27.2829, 29.8158, 29.0965



15.0473, 16.5430, 16.7183



3.8400, 4.1979, 4.0927



8.4479, 14.7594, 2.4036



40.2267, 71.4394, 11.6690

Inverse Universe

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



15.1398, 15.4082, 18.3966



26.7505, 27.0542, 32.8566



15.5012, 15.5975, 18.2737



3.7645, 3.8059, 4.6264



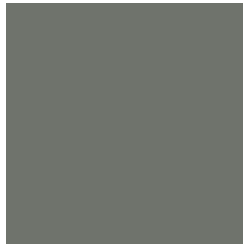
6.0603, 2.7155, 18.7473



28.5375, 12.7201, 91.3114

Previews

White Background



This preview shows how the XYZ color 15.3931, 16.7237, 16.6041 looks on a white background.

Color Contrast Check

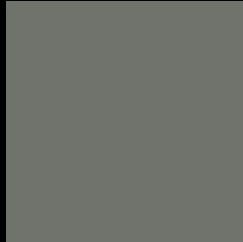
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.3931, 16.7237, 16.6041 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

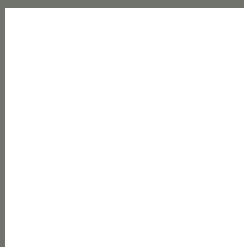
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.3931, 16.7237, 16.6041

Background



This preview shows how black text looks on a background with the XYZ color 15.3931, 16.7237, 16.6041.

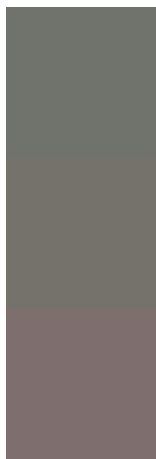


This preview shows how white text looks on a background with the XYZ color 15.3931, 16.7237,

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

15.3931, 16.7237, 16.6041

Protanopia

15.8951, 16.6537, 16.2866

Deuteranopia

16.9404, 16.6916, 16.7969



Tritanopia

16.2280, 16.7261, 20.7855

Trichromacy



Original Color

15.3931, 16.7237, 16.6041

Protanomaly

15.7414, 16.7410, 16.3116

Deuteranomaly

16.4396, 16.7574, 16.8360

Tritanomaly

15.9103, 16.7637, 19.2268

Monochromacy



Original Color

15.3931, 16.7237, 16.6041

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.5686, 16.6271, 17.4277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3931, 16.7237, 16.6041 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(111, 115, 108)` looks like.

```
.text, #text, p{  
    color:rgb(111, 115, 108)  
}
```

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(111, 115, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 115, 108) }
```

Border

The CSS property to change the border of an element to XYZ 15.3931, 16.7237, 16.6041 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(111, 115, 108) }
```


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

```
.border{ border-color:rgb(111, 115, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 115, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 115, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 115, 108);  
box-shadow:4px 4px 4px 4px rgb(111, 115,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3931, 16.7237, 16.6041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 115, 108) }
```

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

```
.background{ background-color: rgb(111,  
115, 108) }
```

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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