

Converting Colors

XYZ(15.7416, 17.0711, 17.9191)

Have a look what the booklet for
XYZ(15.7416, 17.0711, 17.9191)
contains.

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Color

**XYZ(15.7256, 17.0401,
17.7895)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7470
RGB	111, 116, 112
RGB Percent	44%, 45%, 44%
CMY	0.5647, 0.5451, 0.5608
CMYK	0.04, 0.00, 0.03, 0.55
HSL	132°, 2%, 45%
HSV	132°, 4%, 45%
XYZ	15.7256, 17.0401, 17.7895
YIQ	114.0490, -1.6960, -2.3040

Conversions

Conversions Part 2

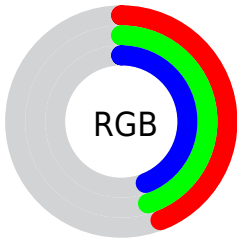
Format	Color
RYB	111, 115, 116
Decimal	7304304
CIELab	48.31, -2.71, 1.54
CIElCh	48, 3.120, 150.336
Yxy	17.0401, 0.3111, 0.3371
Android (android.graphics.Color)	4285494384 (0xFF6F7470)
YUV	114.0490, -1.0102, -2.6740
Hunter-Lab	41.2797, -4.2393, 3.3447

Details

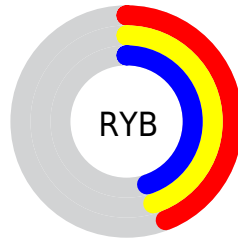
The XYZ color **15.7256, 17.0401, 17.7895** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.9821, 16.3202, 18.5283**, and the grayscale version is **16.0126, 16.8465, 18.3458**.

A 20% lighter version of the original color is **35.8077, 38.4721, 40.6606**, and **5.0424, 5.5612, 5.6581** is the 20% darker color. If you saturate the color by 10%, you get **13.8693, 16.1403, 15.1426**, and if you desaturate by 10%, it is **17.8257, 18.0604, 20.7266**.

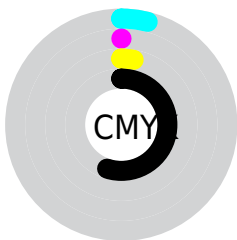
Distribution



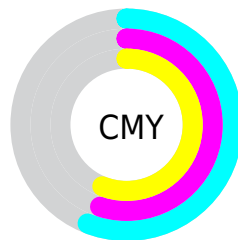
- Red (44%)
- Green (45%)
- Blue (44%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)
- Black (55%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7256, 17.0401, 17.7895 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 15.7256, 17.0401, 17.7895 by changing the saturation by 10% instead.

■ 15.7256, 17.0401,
17.7895

■ 15.7256, 17.0401,
17.7895

221.0194,
235.4034, 251.8780

■ 9.4198, 10.2631,
10.6311

■ 35.6825, 38.3947,
40.4874

■ 5.0753, 5.5737,
5.7083

■ 50.0643, 53.7411,
56.8640

■ 2.3267, 2.5877,
2.6026

■ 67.8688, 72.7127,
77.1503

■ 0.8083, 0.9205,
0.8938

■ 89.4614, 95.6940,
101.7650

■ 0.0000, 0.0000,
0.0000

115.2073,
123.0693, 131.1266

145.4721,

155.2230, 165.6536

180.6210,
192.5396, 205.7646

■ 15.7256, 17.0401,
17.7895

■ 15.7256, 17.0401,
17.7895

■ 13.8693, 16.1403,
15.1426

■ 17.8257, 18.0604,
20.7266

■ 12.2466, 15.3545,
12.7761

■ 20.1767, 19.2032,
23.9613

■ 10.8485, 14.6786,
10.6811

■ 22.7868, 20.4731,
27.5021

■ 9.6650, 14.1079,
8.8478

■ 25.6639, 21.8740,
31.3566

■ 8.6853, 13.6368,
7.2660

■ 28.8153, 23.4094,
35.5324

■ 7.8976, 13.2596,
5.9245

■ 32.2478, 25.0828,
40.0367

■ 7.2890, 12.9699,
4.8117

■ 35.9684, 26.8976,
44.8765

■ 6.8447, 12.7602,
3.9147

■ 39.9836, 28.8569,
50.0585

■ 6.5435, 12.6200,
3.2191

■ 44.2997, 30.9640,
55.5895

Harmonies

Analogous

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



15.9215, 17.0401, 17.2348



15.7256, 17.0401, 17.7895



15.6554, 17.0401, 18.5630

Triad

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



15.7256, 17.0401, 17.7895



16.1993, 17.0401, 20.1642



16.6726, 17.0401, 17.7740

Complementary

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



15.7256, 17.0401, 17.7895



15.9821, 16.3202, 18.5283

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.



16.7491, 17.0401, 18.5446



15.7256, 17.0401, 17.7895



16.4738, 17.0401, 19.9384

Square

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



15.7256, 17.0401, 17.7895



15.9270, 17.0401, 19.9481



16.6759, 17.0401, 19.3396



16.4682, 17.0401, 17.2260

Rectangle

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



15.7256, 17.0401, 17.7895



15.6888, 17.0401, 19.1033



16.6759, 17.0401, 19.3396



16.7142, 17.0401, 18.0148

Sweetspot

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



15.7261, 17.0408, 17.7899



28.8073, 30.5188, 32.9094



16.1965, 17.2897, 17.5229



6.8791, 7.2840, 7.8604



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.



15.7261, 17.0408, 17.7899



27.3605, 29.8166, 30.8718



15.8626, 17.0954, 18.5086



3.8385, 4.1919, 4.3270



7.1785, 14.0854, 3.2302



34.7292, 68.5389, 14.4109

Inverse Universe

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



15.9821, 16.3202, 18.5283



27.8928, 28.3182, 32.4072



15.8447, 16.2653, 17.8050



3.9177, 3.9689, 4.5555



10.2843, 5.0474, 11.9714



49.8080, 24.4733, 56.7117

Previews

White Background



This preview shows how the XYZ color 15.7256, 17.0401, 17.7895 looks on a white background.

Color Contrast Check

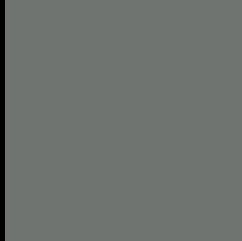
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.7256, 17.0401, 17.7895 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

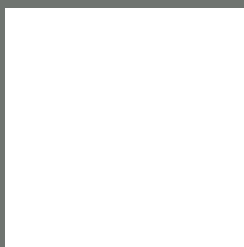
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.7256, 17.0401, 17.7895

Background



This preview shows how black text looks on a background with the XYZ color 15.7256, 17.0401, 17.7895.



This preview shows how white text looks on a background with the XYZ color 15.7256, 17.0401,

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

15.7256, 17.0401, 17.7895

Protanopia

16.2227, 16.9642, 17.4583

Deuteranopia

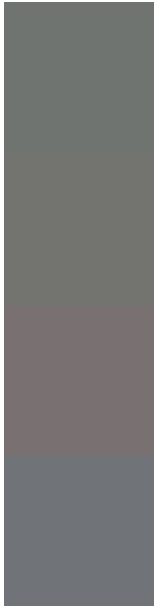
17.2693, 16.9968, 17.9933



Tritanopia

16.4025, 16.9754, 21.1510

Trichromacy



Original Color

15.7256, 17.0401, 17.7895

Protanomaly

16.0702, 17.0540, 17.4837

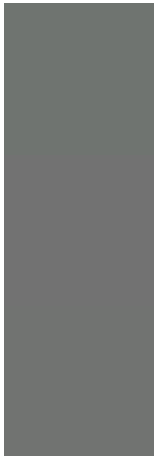
Deuteranomaly

16.7709, 17.0675, 18.0332

Tritanomaly

16.1426, 17.0381, 19.8906

Monochromacy



Original Color

15.7256, 17.0401, 17.7895

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.9214, 16.9644, 18.0581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7256, 17.0401, 17.7895 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, 116, 112)` looks like.

```
.text, #text, p{  
    color:rgb(111, 116, 112)  
}
```

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, 116, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 116, 112) }
```

Border

The CSS property to change the border of an element to XYZ 15.7256, 17.0401, 17.7895 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, 116, 112) }
```


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

```
.border{ border-color:rgb(111, 116, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 116, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 116, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 116, 112);  
box-shadow:4px 4px 4px 4px rgb(111, 116,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7256, 17.0401, 17.7895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 116, 112) }
```

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

```
.background{ background-color: rgb(111,  
116, 112) }
```

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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