

Converting Colors

XYZ(15.5736, 15.6106, 17.2142)

Have a look what the booklet for
XYZ(15.5736, 15.6106, 17.2142)
contains.

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Color

**XYZ(15.5679, 15.6547,
17.2401)**

Conversions

Conversions Part 1

Format	Color
Hex	756C6F
RGB	117, 108, 111
RGB Percent	46%, 42%, 44%
CMY	0.5412, 0.5765, 0.5647
CMYK	0.00, 0.08, 0.05, 0.54
HSL	340°, 4%, 44%
HSV	340°, 8%, 46%
XYZ	15.5679, 15.6547, 17.2401
YIQ	111.0330, 4.4010, 2.8410

Conversions

Conversions Part 2

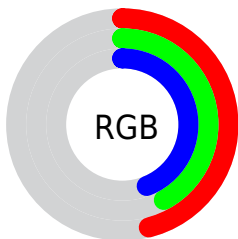
Format	Color
R_{YB}	117, 108, 111
Decimal	7695471
CIE Lab	46.52, 4.09, -0.41
CIE LCh	47, 4.115, 354.295
Yxy	15.6547, 0.3212, 0.3230
Android (android.graphics.Color)	4285885551 (0xFF756C6F)
YUV	111.0330, -0.0163, 5.2331
Hunter-Lab	39.5660, 0.9932, 1.8618

Details

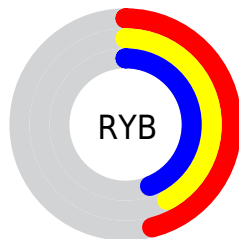
The XYZ color **15.5679, 15.6547, 17.2401** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.5834, 17.1260, 18.4046**, and the grayscale version is **15.1185, 15.9058, 17.3214**.

A 20% lighter version of the original color is **35.3712, 35.8756, 39.7108**, and **5.0202, 4.9616, 5.3957** is the 20% darker color. If you saturate the color by 10%, you get **14.0049, 13.1863, 14.6916**, and if you desaturate by 10%, it is **17.3349, 18.4707, 20.0422**.

Distribution



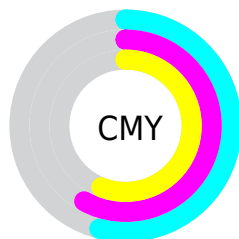
- Red (46%)
- Green (42%)
- Blue (44%)



- Red (46%)
- Yellow (42%)
- Blue (44%)



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (54%)



- Cyan (54%)
- Magenta (58%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5679, 15.6547, 17.2401 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 15.5679, 15.6547, 17.2401 by changing the saturation by 10% instead.

■ 15.5679, 15.6547,
17.2401

■ 15.5679, 15.6547,
17.2401

220.0992,
227.2955, 248.6429

■ 9.3078, 9.2801,
10.2421

■ 35.4100, 35.9977,
39.5344

■ 5.0012, 4.9244,
5.4520

■ 49.7226, 50.7349,
55.6678

■ 2.2827, 2.2029,
2.4515

■ 67.4502, 69.0285,
75.6833

■ 0.7858, 0.7216,
0.8143

■ 88.9581, 91.2628,
99.9996

■ 0.0000, 0.0000,
0.0000

114.6115,
117.8223, 129.0352

144.7760,

149.0913, 163.2085

179.8167,
185.4542, 202.9382

■ 15.5679, 15.6547,
17.2401

■ 15.5679, 15.6547,
17.2401

■ 14.0049, 13.1863,
14.6916

■ 17.3349, 18.4707,
20.0422

■ 12.6372, 11.0500,
12.3883

■ 19.3117, 21.6450,
23.1037

■ 11.4571, 9.2322,
10.3232

■ 21.5055, 25.1904,
26.4316

■ 10.4562, 7.7173,
8.4882

■ 23.9228, 29.1183,
30.0323

■ 9.6251, 6.4886,
6.8749

■ 26.5698, 33.4399,
33.9120

■ 8.9539, 5.5279,
5.4742

■ 29.4523, 38.1657,
38.0766

■ 8.4312, 4.8146,
4.2765

■ 32.5760, 43.3059,
42.5319

■ 8.0444, 4.3252,
3.2713

■ 35.9466, 48.8702,
47.2835

■ 7.7621, 3.9992,
2.4412

■ 39.5694, 54.8682,
52.3368

Harmonies

Analogous

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



15.4397, 15.6547, 18.2101



15.5679, 15.6547, 17.2401



15.5092, 15.6547, 16.2547

Triad

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



15.5679, 15.6547, 17.2401



14.6007, 15.6547, 15.3273



14.4851, 15.6547, 18.6801

Complementary

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



15.5679, 15.6547, 17.2401



15.5834, 17.1260, 18.4046

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.



14.2667, 15.6547, 17.8611



15.5679, 15.6547, 17.2401



14.3327, 15.6547, 15.9313

Square

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



15.5679, 15.6547, 17.2401



14.9472, 15.6547, 15.1758



14.2114, 15.6547, 16.8520



14.8117, 15.6547, 19.0624

Rectangle

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



15.5679, 15.6547, 17.2401



15.3725, 15.6547, 15.7181



14.2114, 15.6547, 16.8520



14.3968, 15.6547, 18.4452

Sweetspot

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



15.5683, 15.6554, 17.2404



29.6163, 30.7989, 33.6448



15.5134, 15.5876, 19.0208



6.8209, 7.0997, 7.7539



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.



15.5683, 15.6554, 17.2404



27.4230, 27.3123, 30.1392



15.5655, 15.9095, 16.4386



3.7296, 3.7191, 4.1030



8.4793, 4.3254, 2.4661



40.9602, 20.9342, 10.1198

Inverse Universe

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



15.5683, 15.6554, 17.2404



27.4230, 27.3123, 30.1392



15.5836, 16.8487, 19.2606



3.7296, 3.7191, 4.1030



8.4793, 4.3254, 2.4661



40.9602, 20.9342, 10.1198

Previews

White Background



This preview shows how the XYZ color 15.5679, 15.6547, 17.2401 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 15.5679, 15.6547, 17.2401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

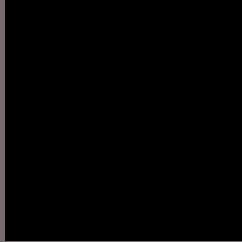
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.5679, 15.6547, 17.2401

Background



This preview shows how black text looks on a background with the XYZ color 15.5679, 15.6547, 17.2401.



This preview shows how white text looks on a background with the XYZ color 15.5679, 15.6547,

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

15.5679, 15.6547, 17.2401

Protanopia

15.1827, 15.7665, 17.5723

Deuteranopia

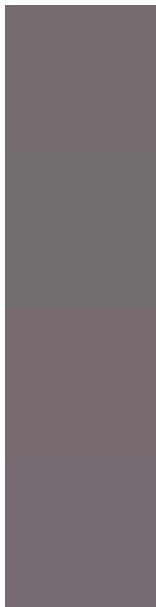
15.8727, 15.6562, 17.2243



Tritanopia

15.8813, 15.6279, 18.7024

Trichromacy



Original Color

15.5679, 15.6547, 17.2401

Protanomaly

15.3327, 15.6845, 17.5485

Deuteranomaly

15.7347, 15.5850, 17.2178

Tritanomaly

15.7662, 15.5818, 18.0962

Monochromacy



Original Color

15.5679, 15.6547, 17.2401

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.2552, 15.8103, 17.2866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5679, 15.6547, 17.2401 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(117, 108, 111)` looks like.

```
.text, #text, p{  
    color:rgb(117, 108, 111)  
}
```

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(117, 108, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 108, 111) }
```

Border

The CSS property to change the border of an element to XYZ 15.5679, 15.6547, 17.2401 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(117, 108, 111) }
```


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

```
.border{ border-color:rgb(117, 108, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 108, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 108, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 108, 111);  
box-shadow:4px 4px 4px 4px rgb(117, 108,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5679, 15.6547, 17.2401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 108, 111) }
```

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

```
.background{ background-color: rgb(117,  
108, 111) }
```

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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