

Converting Colors

XYZ(10.7278, 13.7674, 13.5722)

Have a look what the booklet for
XYZ(10.7278, 13.7674, 13.5722)
contains.

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Color

**XYZ(10.7131, 13.7066,
13.6363)**

Conversions

Conversions Part 1

Format	Color
Hex	4A6F62
RGB	74, 111, 98
RGB Percent	29%, 44%, 38%
CMY	0.7098, 0.5647, 0.6157
CMYK	0.33, 0.00, 0.12, 0.56
HSL	159°, 20%, 36%
HSV	159°, 33%, 44%
XYZ	10.7131, 13.7066, 13.6363
YIQ	98.4550, -17.8790, -11.8870

Conversions

Conversions Part 2

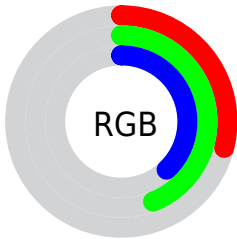
Format	Color
R_{YB}	74, 96, 111
Decimal	4878178
CIE _{Lab}	43.81, -16.27, 3.06
CIE _{LCh}	44, 16.558, 169.365
Yxy	13.7066, 0.2815, 0.3602
Android (android.graphics.Color)	4283068258 (0xFF4A6F62)
YUV	98.4550, -0.2243, -21.4470
Hunter-Lab	37.0224, -13.1371, 4.0777

Details

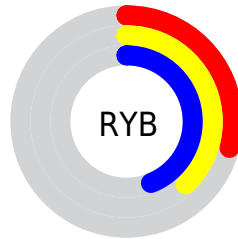
The XYZ color **10.7131, 13.7066, 13.6363** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.7251, 8.9655, 10.1826**, and the grayscale version is **11.7270, 12.3377, 13.4358**.

A 20% lighter version of the original color is **26.8342, 32.6494, 33.3214**, and **2.8493, 4.0360, 3.8777** is the 20% darker color. If you saturate the color by 10%, you get **9.7532, 13.2329, 12.6535**, and if you desaturate by 10%, it is **11.8336, 14.2628, 14.6740**.

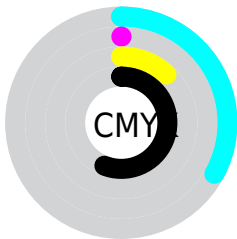
Distribution



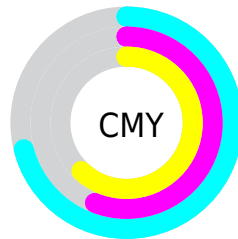
- Red (29%)
- Green (44%)
- Blue (38%)



- Red (29%)
- Yellow (38%)
- Blue (44%)



- Cyan (33%)
- Magenta (0%)
- Yellow (12%)
- Black (56%)



- Cyan (71%)
- Magenta (56%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7131, 13.7066, 13.6363 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 10.7131, 13.7066, 13.6363 by changing the saturation by 10% instead.

■ 10.7131, 13.7066,
13.6363

■ 10.7131, 13.7066,
13.6363

189.6377,
215.3979, 226.3055

■ 5.9401, 7.9169,
7.7323

■ 26.7661, 32.5675,
33.1501

■ 2.8490, 4.0418,
3.8388

■ 38.7768, 46.4075,
47.5969

■ 1.0744, 1.6970,
1.5373

■ 53.9308, 63.6997,
65.7285

■ 0.0036, 0.4217,
0.2455

■ 72.5935, 84.8286,
87.9633

■ 0.0000, 0.0000,
0.0000

■ 95.1302, 110.1784,
114.7198

121.9062,

140.1336, 146.4167

153.2869,
175.0786, 183.4724

■ 10.7131, 13.7066,
13.6363

■ 10.7131, 13.7066,
13.6363

■ 9.7532, 13.2329,
12.6535

■ 11.8336, 14.2628,
14.6740

■ 8.9446, 12.8358,
11.7237

■ 13.1210, 14.9036,
15.7668

■ 8.2791, 12.5114,
10.8462

■ 14.5827, 15.6333,
16.9159

■ 7.7468, 12.2547,
10.0197

■ 16.2253, 16.4550,
18.1222

■ 7.3367, 12.0601,
9.2431

■ 18.0550, 17.3722,
19.3866

■ 7.0336, 11.9197,
8.5149

■ 20.0777, 18.3877,
20.7101

■ 6.8544, 11.8373,
8.0542

■ 22.2991, 19.5046,
22.0934

■ 24.7247, 20.7256,
23.5373

■ 27.3596, 22.0533,
25.0428

Harmonies

Analogous

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



11.2141, 13.7066, 10.7149



10.7131, 13.7066, 13.6363



10.8001, 13.7066, 17.4370

Triad

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



10.7131, 13.7066, 13.6363



13.8779, 13.7066, 22.7857



14.7318, 13.7066, 10.1064

Complementary

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



10.7131, 13.7066, 13.6363



10.7251, 8.9655, 10.1826

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.



15.5423, 13.7066, 12.6651



10.7131, 13.7066, 13.6363



15.0270, 13.7066, 20.1126

Square

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



10.7131, 13.7066, 13.6363



12.5699, 13.7066, 23.1633



15.6538, 13.7066, 16.2907



13.4965, 13.7066, 8.9150

Rectangle

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



10.7131, 13.7066, 13.6363



11.1818, 13.7066, 19.9639



15.6538, 13.7066, 16.2907



15.0664, 13.7066, 10.8131

Sweetspot

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



10.7135, 13.7072, 13.6366



24.2620, 27.0691, 28.8510



10.9045, 13.9175, 8.5904



5.7624, 6.4701, 6.8781



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



10.7135, 13.7072, 13.6366



17.8257, 23.8729, 23.0440



10.8546, 12.9259, 16.9625



3.4276, 3.7962, 4.0580



8.0642, 13.9432, 9.4247



39.7514, 69.2892, 44.7375

Inverse Universe

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



10.7251, 8.9655, 10.1826



17.8517, 13.9771, 15.8438



10.5832, 9.4566, 7.7463



3.4284, 3.4191, 3.7828



8.1449, 4.1503, 2.5729



40.1981, 20.5246, 10.8412

Previews

White Background



This preview shows how the XYZ color 10.7131, 13.7066, 13.6363 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 10.7131, 13.7066, 13.6363 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

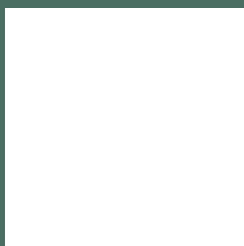
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.7131, 13.7066, 13.6363

Background



This preview shows how black text looks on a background with the XYZ color 10.7131, 13.7066, 13.6363.

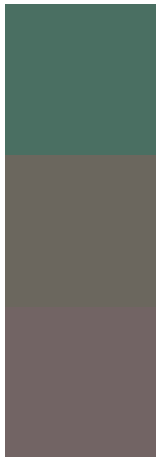


This preview shows how white text looks on a background with the XYZ color 10.7131, 13.7066,

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

10.7131, 13.7066, 13.6363

Protanopia

12.9340, 13.6344, 12.5397

Deuteranopia

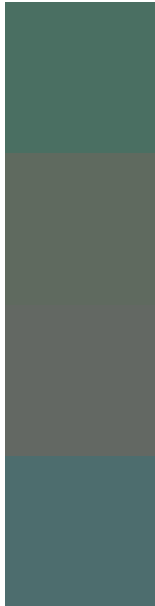
13.7969, 13.6119, 13.9568



Tritanopia

11.7153, 13.6292, 18.8429

Trichromacy



Original Color

10.7131, 13.7066, 13.6363

Protanomaly

11.9389, 13.5672, 12.8160

Deuteranomaly

12.3480, 13.4541, 13.7505

Tritanomaly

11.3437, 13.6408, 16.7869

Monochromacy



Original Color

10.7131, 13.7066, 13.6363

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.1747, 12.7062, 13.4188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7131, 13.7066, 13.6363 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(74, 111, 98)` looks like.

```
.text, #text, p{  
    color:rgb(74, 111, 98)  
}
```

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(74, 111, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 111, 98) }
```

Border

The CSS property to change the border of an element to XYZ 10.7131, 13.7066, 13.6363 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(74, 111, 98) }
```


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

```
.border{ border-color:rgb(74, 111, 98) }
```

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

Here you see how a box with a 4 pixel rgb(74, 111, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 111, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 111, 98);  
box-shadow:4px 4px 4px 4px rgb(74, 111,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7131, 13.7066, 13.6363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 111, 98) }
```

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

```
.background{ background-color: rgb(74, 111,  
98) }
```

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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