

Converting Colors

XYZ(10.7103, 13.4385, 15.8327)

Have a look what the booklet for
XYZ(10.7103, 13.4385, 15.8327)
contains.

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Color

**XYZ(10.7556, 13.5155,
15.9518)**

Conversions

Conversions Part 1

Format	Color
Hex	466E6B
RGB	70, 110, 107
RGB Percent	27%, 43%, 42%
CMY	0.7255, 0.5686, 0.5804
CMYK	0.36, 0.00, 0.03, 0.57
HSL	175°, 22%, 35%
HSV	175°, 36%, 43%
XYZ	10.7556, 13.5155, 15.9518
YIQ	97.6980, -22.8770, -9.4130

Conversions

Conversions Part 2

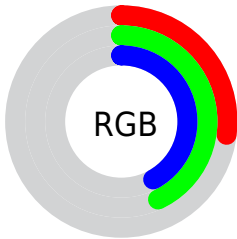
Format	Color
R_{YB}	70, 91, 110
Decimal	4615787
CIE _{Lab}	43.53, -14.75, -2.80
CIE _{LCh}	44, 15.013, 190.733
Yxy	13.5155, 0.2674, 0.3360
Android (android.graphics.Color)	4282805867 (0xFF466E6B)
YUV	97.6980, 4.5859, -24.2911
Hunter-Lab	36.7634, -12.1136, 0.0082

Details

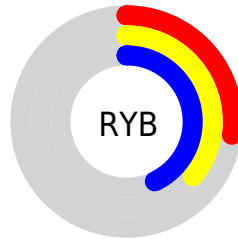
The XYZ color **10.7556, 13.5155, 15.9518** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **9.8237, 8.1768, 7.3645**, and the grayscale version is **11.5279, 12.1282, 13.2076**.

A 20% lighter version of the original color is **26.8376, 32.3024, 37.1682**, and **2.8691, 3.9421, 4.8846** is the 20% darker color. If you saturate the color by 10%, you get **9.9906, 13.1264, 15.6907**, and if you desaturate by 10%, it is **11.6672, 13.9808, 16.2225**.

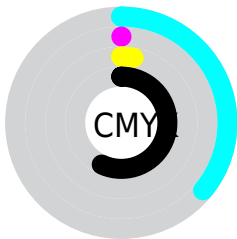
Distribution



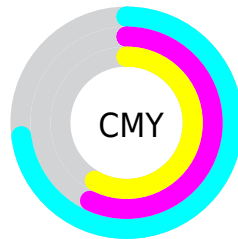
- Red (27%)
- Green (43%)
- Blue (42%)



- Red (27%)
- Yellow (36%)
- Blue (43%)



- Cyan (36%)
- Magenta (0%)
- Yellow (3%)
- Black (57%)



- Cyan (73%)
- Magenta (57%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7556, 13.5155, 15.9518 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 10.7556, 13.5155, 15.9518 by changing the saturation by 10% instead.

10.7556, 13.5155,
15.9518

10.7556, 13.5155,
15.9518

189.9262,
214.1955, 240.8931

5.9688, 7.7845,
9.3361

26.8443, 32.2268,
37.2801

2.8666, 3.9573,
4.8612

38.8770, 45.9760,
52.8298

1.0836, 1.6497,
2.1088

54.0556, 63.1665,
72.1946

0.0113, 0.3908,
0.6210

72.7456, 84.1830,
95.7929

0.0000, 0.0000,
0.0000

95.3123, 109.4097,
124.0434

122.1210,

139.2312, 157.3646

153.5372,
174.0316, 196.1750

■ 10.7556, 13.5155,
15.9518

■ 10.7556, 13.5155,
15.9518

■ 9.9906, 13.1264,
15.6907

■ 11.6672, 13.9808,
16.2225

■ 9.3630, 12.8079,
15.4378

■ 12.7316, 14.5244,
16.5023

■ 8.8646, 12.5558,
15.1932

■ 13.9561, 15.1505,
16.7917

■ 8.4856, 12.3653,
14.9563

■ 15.3470, 15.8623,
17.0911

■ 8.2150, 12.2306,
14.7266

■ 16.9104, 16.6630,
17.4008

■ 8.0269, 12.1384,
14.5029

■ 18.6521, 17.5556,
17.7210

■ 7.9620, 12.1066,
14.4223

■ 20.5776, 18.5430,
18.0520

■ 22.6922, 19.6277,
18.3941

■ 25.0010, 20.8125,
18.7474

Harmonies

Analogous

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



10.8329, 13.5155, 12.6864



10.7556, 13.5155, 15.9518



11.2121, 13.5155, 19.3450

Triad

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



10.7556, 13.5155, 15.9518



14.3743, 13.5155, 20.1718



13.6046, 13.5155, 9.4231

Complementary

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



10.7556, 13.5155, 15.9518



9.8237, 8.1768, 7.3645

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.



14.6316, 13.5155, 10.8916



10.7556, 13.5155, 15.9518



15.0944, 13.5155, 16.9514

Square

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



10.7556, 13.5155, 15.9518



13.2706, 13.5155, 22.0163



15.1913, 13.5155, 13.5459



12.4307, 13.5155, 9.2395

Rectangle

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



10.7556, 13.5155, 15.9518



11.7750, 13.5155, 21.0989



15.1913, 13.5155, 13.5459



13.9802, 13.5155, 9.7710

Sweetspot

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



10.7560, 13.5160, 15.9521



23.4127, 26.0457, 29.2357



9.4549, 13.0241, 7.8103



5.4006, 6.0366, 6.7920



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



10.7560, 13.5160, 15.9521



17.6917, 23.1265, 27.6087



9.2844, 10.3157, 16.2542



3.4647, 3.8111, 4.2534



9.5598, 14.5414, 17.3008



47.4816, 72.3813, 85.4444

Inverse Universe

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



9.8237, 8.1768, 7.3645



15.7865, 12.2053, 10.0521



10.9177, 10.5202, 7.2499



3.3937, 3.4052, 3.6001



7.7742, 4.0021, 0.6210



38.5951, 19.8834, 2.4002

Previews

White Background



This preview shows how the XYZ color 10.7556, 13.5155, 15.9518 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 10.7556, 13.5155, 15.9518 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

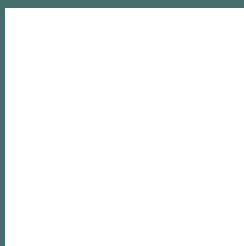
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.7556, 13.5155, 15.9518

Background



This preview shows how black text looks on a background with the XYZ color 10.7556, 13.5155, 15.9518.



This preview shows how white text looks on a background with the XYZ color 10.7556, 13.5155,

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

10.7556, 13.5155, 15.9518

Protanopia

12.8586, 13.4051, 14.4801

Deuteranopia

13.5288, 13.2790, 16.3181



Tritanopia

11.3211, 13.4259, 18.8244

Trichromacy



Original Color

10.7556, 13.5155, 15.9518

Protanomaly

11.9639, 13.3779, 15.0483

Deuteranomaly

12.2763, 13.2161, 16.0913

Tritanomaly

11.1218, 13.5073, 17.6438

Monochromacy



Original Color

10.7556, 13.5155, 15.9518

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.1248, 12.5170, 14.1416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7556, 13.5155, 15.9518 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(70, 110, 107)` looks like.

```
.text, #text, p{  
    color:rgb(70, 110, 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(70, 110, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 110, 107) }
```

Border

The CSS property to change the border of an element to XYZ 10.7556, 13.5155, 15.9518 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(70, 110, 107) }
```


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

```
.border{ border-color:rgb(70, 110, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 110, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 110, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 110, 107);  
box-shadow:4px 4px 4px 4px rgb(70, 110,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7556, 13.5155, 15.9518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 110, 107) }
```

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

```
.background{ background-color: rgb(70, 110,  
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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