

Converting Colors

XYZ(10.5617, 15.2462, 10.6364)

Have a look what the booklet for
XYZ(10.5617, 15.2462, 10.6364)
contains.

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Color

**XYZ(10.5246, 15.2157,
10.5658)**

Conversions

Conversions Part 1

Format	Color
Hex	427853
RGB	66, 120, 83
RGB Percent	26%, 47%, 33%
CMY	0.7412, 0.5294, 0.6745
CMYK	0.45, 0.00, 0.31, 0.53
HSL	139°, 29%, 36%
HSV	139°, 45%, 47%
XYZ	10.5246, 15.2157, 10.5658
YIQ	99.6360, -20.3070, -22.9550

Conversions

Conversions Part 2

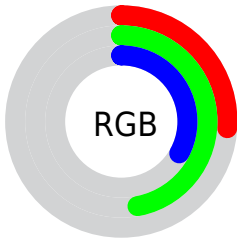
Format	Color
R_{YB}	66, 107, 120
Decimal	4356179
CIE _{Lab}	45.93, -26.83, 14.87
CIE _{LCh}	46, 30.675, 151.010
Yxy	15.2157, 0.2899, 0.4191
Android (android.graphics.Color)	4282546259 (0xFF427853)
YUV	99.6360, -8.2015, -29.4988
Hunter-Lab	39.0073, -20.1015, 11.2454

Details

The XYZ color **10.5246, 15.2157, 10.5658** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **12.1427, 8.8692, 13.9047**, and the grayscale version is **12.0447, 12.6720, 13.7998**.

A 20% lighter version of the original color is **26.5133, 35.3625, 27.6185**, and **2.7842, 4.7398, 2.6018** is the 20% darker color. If you saturate the color by 10%, you get **9.5006, 14.7227, 8.9580**, and if you desaturate by 10%, it is **11.7568, 15.8124, 12.3806**.

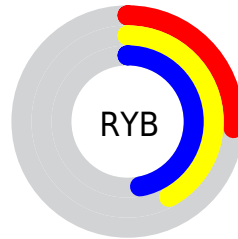
Distribution



Red (26%)

Green (47%)

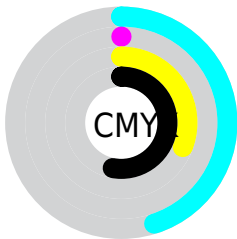
Blue (33%)



Red (26%)

Yellow (42%)

Blue (47%)

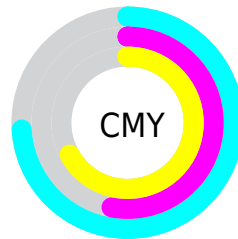


Cyan (45%)

Magenta (0%)

Yellow (31%)

Black (53%)



Cyan (74%)

Magenta (53%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.5246, 15.2157, 10.5658 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 10.5246, 15.2157, 10.5658 by changing the saturation by 10% instead.

■ 10.5246, 15.2157,
10.5658

■ 10.5246, 15.2157,
10.5658

188.3528,
224.6681, 205.2933

■ 5.8131, 8.9709,
5.6652

■ 26.4185, 35.2311,
27.4787

■ 2.7713, 4.7222,
2.5771

■ 38.3315, 49.7706,
40.3281

■ 1.0340, 2.0852,
0.8806

■ 53.3758, 67.8437,
56.6641

■ 0.0000, 0.6563,
0.0000

■ 71.9166, 89.8349,
76.9053

■ 0.0000, 0.0000,
0.0000

■ 94.3194, 116.1285,
101.4704

120.9494,

147.1090, 130.7777

152.1721,
183.1607, 165.2458

■ 10.5246, 15.2157,
10.5658

■ 10.5246, 15.2157,
10.5658

■ 9.5006, 14.7227,
8.9580

■ 11.7568, 15.8124,
12.3806

■ 8.6715, 14.3257,
7.5487

■ 13.2069, 16.5166,
14.4085

■ 8.0244, 14.0184,
6.3305


■ 14.8857, 17.3341,
16.6564


■ 7.5443, 13.7933,
5.2949


■ 16.8026, 18.2695,
19.1307


■ 7.2078, 13.6386,
4.4326


■ 18.9667, 19.3274,
21.8375

 7.0630, 13.5720,
4.0623

 21.3864, 20.5122,
24.7828

 24.0700, 21.8278,
27.9722

 27.0252, 23.2782,
31.4112

 30.2593, 24.8670,
35.1052

Harmonies

Analogous

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



12.0425, 15.2157, 7.0952



10.5246, 15.2157, 10.5658



10.0278, 15.2157, 16.8204

Triad

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



10.5246, 15.2157, 10.5658



14.5502, 15.2157, 35.3379



19.1700, 15.2157, 10.2459

Complementary

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



10.5246, 15.2157, 10.5658



12.1427, 8.8692, 13.9047

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.



20.0419, 15.2157, 16.3168



10.5246, 15.2157, 10.5658



17.1858, 15.2157, 32.0663

Square

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



10.5246, 15.2157, 10.5658



12.1778, 15.2157, 32.4590



19.2763, 15.2157, 24.4960



17.0155, 15.2157, 6.9531

Rectangle

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



10.5246, 15.2157, 10.5658



10.2892, 15.2157, 22.2324



19.2763, 15.2157, 24.4960



19.6336, 15.2157, 11.9570

Sweetspot

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



10.5250, 15.2163, 10.5661



26.7173, 30.7482, 29.9978



13.3861, 16.7581, 7.6837



6.1912, 7.2185, 6.9250



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



10.5250, 15.2163, 10.5661



16.6567, 25.8685, 15.6693



11.7348, 15.7003, 16.9371



3.9981, 4.4688, 4.5236



7.6991, 14.8033, 4.4001



36.3804, 70.4752, 19.1729

Inverse Universe

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



12.1427, 8.8692, 13.9047



19.8816, 13.1881, 22.3042



11.0269, 8.4229, 8.0292



4.1033, 4.0571, 4.7418



10.1144, 5.0219, 9.1595



47.8489, 23.7959, 41.5959

Previews

White Background



This preview shows how the XYZ color 10.5246, 15.2157, 10.5658 looks on a white background.

Color Contrast Check

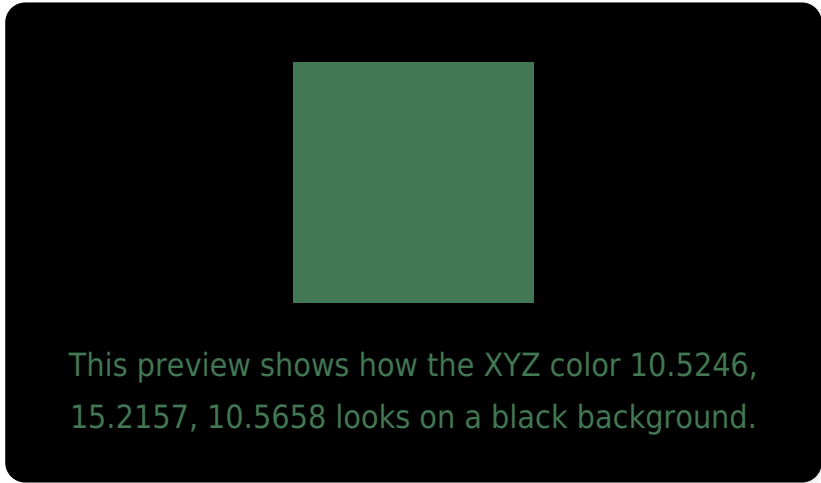
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

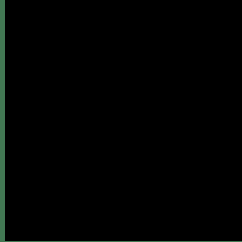
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.5246, 15.2157, 10.5658

Background



This preview shows how black text looks on a background with the XYZ color 10.5246, 15.2157, 10.5658.



This preview shows how white text looks on a background with the XYZ color 10.5246, 15.2157,

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

10.5246, 15.2157, 10.5658

Protanopia

14.0738, 15.0571, 9.3723

Deuteranopia

15.2748, 15.0244, 11.1117



Tritanopia

12.7493, 15.2532, 21.3410

Trichromacy



Original Color

10.5246, 15.2157, 10.5658

Protanomaly

12.2791, 14.7642, 9.7920

Deuteranomaly

12.9646, 14.7668, 10.9711

Tritanomaly

11.7941, 15.2044, 16.7811

Monochromacy



Original Color

10.5246, 15.2157, 10.5658

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.3026, 13.3982, 12.5801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5246, 15.2157, 10.5658 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(66, 120, 83)` looks like.

```
.text, #text, p{  
    color:rgb(66, 120, 83)  
}
```

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(66, 120, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 120, 83) }
```

Border

The CSS property to change the border of an element to XYZ 10.5246, 15.2157, 10.5658 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(66, 120, 83) }
```


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

```
.border{ border-color:rgb(66, 120, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 120, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 120, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 120, 83);  
box-shadow:4px 4px 4px 4px rgb(66, 120,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 10.5246, 15.2157, 10.5658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 120, 83) }
```

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

```
.background{ background-color: rgb(66, 120,  
83) }
```

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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