

Converting Colors

XYZ(10.7525, 15.2264, 12.5182)

Have a look what the booklet for
XYZ(10.7525, 15.2264, 12.5182)
contains.

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Color

**XYZ(10.7626, 15.2956,
12.5103)**

Conversions

Conversions Part 1

Format	Color
Hex	40785C
RGB	64, 120, 92
RGB Percent	25%, 47%, 36%
CMY	0.7490, 0.5294, 0.6392
CMYK	0.47, 0.00, 0.23, 0.53
HSL	150°, 30%, 36%
HSV	150°, 47%, 47%
XYZ	10.7626, 15.2956, 12.5103
YIQ	100.0640, -24.3880, -20.5800

Conversions

Conversions Part 2

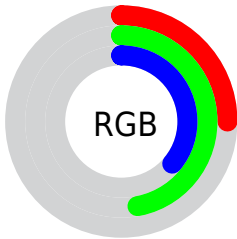
Format	Color
RYB	64, 101, 120
Decimal	4225116
CIELab	46.04, -25.50, 9.73
CIElCh	46, 27.295, 159.117
Yxy	15.2956, 0.2791, 0.3966
Android (android.graphics.Color)	4282415196 (0xFF40785C)
YUV	100.0640, -3.9756, -31.6281
Hunter-Lab	39.1096, -19.3202, 8.4111

Details

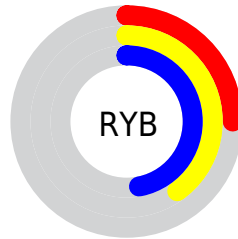
The XYZ color **10.7626, 15.2956, 12.5103** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **11.5114, 8.4330, 11.1469**, and the grayscale version is **12.1441, 12.7765, 13.9136**.

A 20% lighter version of the original color is **26.8963, 35.4850, 31.0229**, and **2.8716, 4.7683, 3.3538** is the 20% darker color. If you saturate the color by 10%, you get **9.8127, 14.8355, 11.1506**, and if you desaturate by 10%, it is **11.9021, 15.8519, 13.9880**.

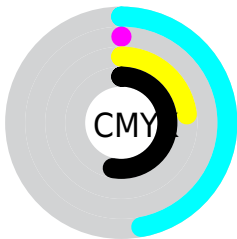
Distribution



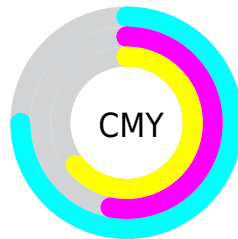
- Red (25%)
- Green (47%)
- Blue (36%)



- Red (25%)
- Yellow (40%)
- Blue (47%)



- Cyan (47%)
- Magenta (0%)
- Yellow (23%)
- Black (53%)





- Cyan (75%)
- Magenta (53%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7626, 15.2956, 12.5103 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 10.7626, 15.2956, 12.5103 by changing the saturation by 10% instead.


 10.7626, 15.2956,
12.5103


 10.7626, 15.2956,
12.5103


189.9736,
225.1485, 218.8514


 5.9735, 9.0271,
6.9655


 26.8572, 35.3709,
31.0993


 2.8695, 4.7589,
3.3624

 38.8934, 49.9465,
44.9806


 1.0851, 2.1065,
1.2825

 54.0761, 68.0600,
62.4779

 0.0126, 0.6683,
0.0474

 72.7706, 90.0957,
84.0095

 0.0000, 0.0000,
0.0000

 95.3423, 116.4380,
109.9942

122.1564,

147.4713, 140.8503

153.5784,
183.5800, 176.9966

■ 10.7626, 15.2956,
12.5103

■ 10.7626, 15.2956,
12.5103

■ 9.8127, 14.8355,
11.1506

■ 11.9021, 15.8519,
13.9880

■ 9.0398, 14.4638,
9.9048

■ 13.2402, 16.5078,
15.5856

■ 8.4317, 14.1748,
8.7702


■ 14.7871, 17.2687,
17.3063


■ 7.9738, 13.9610,
7.7433


■ 16.5517, 18.1394,
19.1526

■ 7.6363, 13.8071,
6.8199


■ 18.5423, 19.1240,
21.1272

 7.5323, 13.7597,
6.5337

 20.7671, 20.2265,
23.2327

 23.2334, 21.4510,
25.4714

 25.9485, 22.8010,
27.8457

 28.9194, 24.2800,
30.3580

Harmonies

Analogous

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



11.9063, 15.2956, 8.5914



10.7626, 15.2956, 12.5103



10.5705, 15.2956, 18.7573

Triad

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



10.7626, 15.2956, 12.5103



15.2549, 15.2956, 32.6817



18.2729, 15.2956, 9.8358

Complementary

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



10.7626, 15.2956, 12.5103



11.5114, 8.4330, 11.1469

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.



19.3916, 15.2956, 14.7147



10.7626, 15.2956, 12.5103



17.5315, 15.2956, 28.6344

Square

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



10.7626, 15.2956, 12.5103



13.0081, 15.2956, 31.6328



19.1068, 15.2956, 21.6252



16.1834, 15.2956, 7.3564

Rectangle

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



10.7626, 15.2956, 12.5103



10.9852, 15.2956, 23.6607



19.1068, 15.2956, 21.6252



18.7845, 15.2956, 11.1887

Sweetspot

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



10.7630, 15.2962, 12.5106



26.6932, 30.7098, 31.1720



12.1498, 16.1274, 7.3233



6.2008, 7.2162, 7.2536



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.



10.7630, 15.2962, 12.5106



17.1523, 26.0408, 19.4500



12.1651, 15.8571, 19.8940



4.0267, 4.4803, 4.6742



8.2098, 15.0076, 7.0898



38.7320, 71.4158, 31.5566

Inverse Universe

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



11.5114, 8.4330, 11.1469



18.6418, 12.3808, 16.7357



10.5318, 8.0411, 5.9882



4.0741, 4.0454, 4.5878



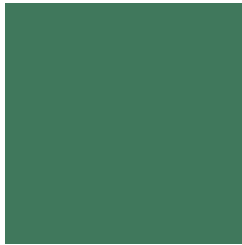
9.3328, 4.7093, 5.0435



44.0888, 22.2919, 21.7954

Previews

White Background



This preview shows how the XYZ color 10.7626, 15.2956, 12.5103 looks on a white background.

Color Contrast Check

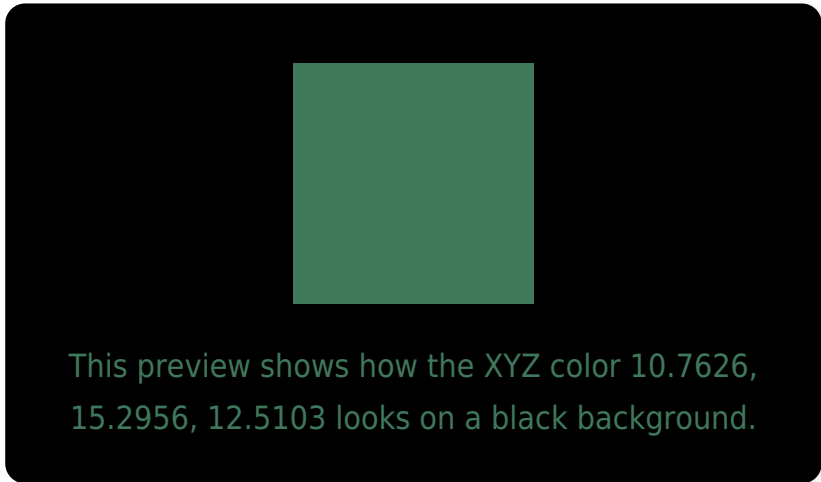
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.7626, 15.2956, 12.5103

Background



This preview shows how black text looks on a background with the XYZ color 10.7626, 15.2956, 12.5103.



This preview shows how white text looks on a background with the XYZ color 10.7626, 15.2956,

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

10.7626, 15.2956, 12.5103

Protanopia

14.1125, 15.0418, 10.9637

Deuteranopia

15.4293, 15.2145, 12.9499



Tritanopia

12.6195, 15.3492, 21.6996

Trichromacy



Original Color

10.7626, 15.2956, 12.5103

Protanomaly

12.3795, 14.7797, 11.4328

Deuteranomaly

13.0758, 14.7848, 12.7543

Tritanomaly

11.7962, 15.1800, 17.9311

Monochromacy



Original Color

10.7626, 15.2956, 12.5103

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.3458, 13.4047, 13.2986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7626, 15.2956, 12.5103 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(64, 120, 92)` looks like.

```
.text, #text, p{  
    color:rgb(64, 120, 92)  
}
```

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(64, 120, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 120, 92) }
```

Border

The CSS property to change the border of an element to XYZ 10.7626, 15.2956, 12.5103 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(64, 120, 92) }
```


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

```
.border{ border-color:rgb(64, 120, 92) }
```

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

Here you see how a box with a 4 pixel rgb(64, 120, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 120, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 120, 92);  
box-shadow:4px 4px 4px 4px rgb(64, 120,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7626, 15.2956, 12.5103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 120, 92) }
```

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

```
.background{ background-color: rgb(64, 120,  
92) }
```

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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