

Converting Colors

XYZ(10.7560, 15.9526, 7.3627)

Have a look what the booklet for
XYZ(10.7560, 15.9526, 7.3627)
contains.

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Color

**XYZ(10.7560, 15.9526,
7.3627)**

Conversions

Conversions Part 1

Format	Color
Hex	497B40
RGB	73, 123, 64
RGB Percent	29%, 48%, 25%
CMY	0.7137, 0.5176, 0.7490
CMYK	0.41, 0.00, 0.48, 0.52
HSL	111°, 32%, 37%
HSV	111°, 48%, 48%
XYZ	10.7560, 15.9526, 7.3627
YIQ	101.3240, -10.8610, -28.9490

Conversions

Conversions Part 2

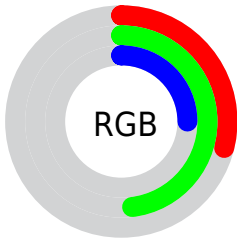
Format	Color
R_{YB}	64, 123, 114
Decimal	4815680
CIE _{Lab}	46.91, -29.33, 26.99
CIE _{LCh}	47, 39.855, 137.377
Yxy	15.9526, 0.3157, 0.4682
Android (android.graphics.Color)	4283005760 (0xFF497B40)
YUV	101.3240, -18.4007, -24.8401
Hunter-Lab	39.9407, -21.8263, 17.0289

Details

The XYZ color **10.7560, 15.9526, 7.3627** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **12.3488, 8.6748, 19.7634**, and the grayscale version is **12.5020, 13.1530, 14.3237**.

A 20% lighter version of the original color is **26.8182, 36.5280, 21.2599**, and **2.8888, 5.1118, 1.4067** is the 20% darker color. If you saturate the color by 10%, you get **9.7193, 15.4547, 5.6844**, and if you desaturate by 10%, it is **12.0031, 16.5510, 9.4546**.

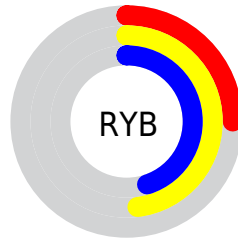
Distribution



Red (29%)

Green (48%)

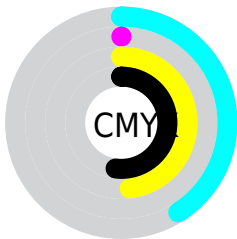
Blue (25%)



Red (25%)

Yellow (48%)

Blue (45%)

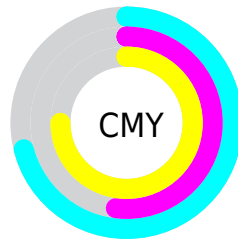


Cyan (41%)

Magenta (0%)

Yellow (48%)

Black (52%)



Cyan (71%)

Magenta (52%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7560, 15.9526, 7.3627 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 10.7560, 15.9526, 7.3627 by changing the saturation by 10% instead.

■ 10.7560, 15.9526,
7.3627

■ 10.7560, 15.9526,
7.3627

189.9289,
229.0619, 180.3880

■ 5.9691, 9.4906,
3.6081

■ 26.8450, 36.5159,
21.2244

■ 2.8668, 5.0626,
1.4129

■ 38.8779, 51.3860,
32.1686

■ 1.0837, 2.2840,
0.1517

■ 54.0568, 69.8276,
46.3463

■ 0.0114, 0.7652,
0.0000

■ 72.7470, 92.2251,
64.1762

■ 0.0000, 0.0000,
0.0000

■ 95.3140, 118.9629,
86.0768

■ 122.1231,

150.4253, 112.4666

153.5396,
186.9969, 143.7642

■ 10.7560, 15.9526,
7.3627

■ 10.7560, 15.9526,
7.3627

■ 9.7193, 15.4547,
5.6844

■ 12.0031, 16.5510,
9.4546

■ 8.8802, 15.0499,
4.3913

■ 13.4704, 17.2529,
11.9840

■ 8.2260, 14.7327,
3.4532


■ 15.1681, 18.0637,
14.9740


■ 7.7423, 14.4966,
2.8346


■ 17.1058, 18.9878,
18.4461

■ 7.4037, 14.3302,
2.4476


■ 19.2924, 20.0293,
22.4201

 7.3472, 14.3027,
2.3735

 21.7363, 21.1922,
26.9150

 24.4455, 22.4803,
31.9485

 27.4277, 23.8970,
37.5378

 30.6903, 25.4460,
43.6992

Harmonies

Analogous

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



13.2522, 15.9526, 4.7556



10.7560, 15.9526, 7.3627



9.5296, 15.9526, 13.5126

Triad

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



10.7560, 15.9526, 7.3627



13.7479, 15.9526, 43.5530



22.4795, 15.9526, 12.2559

Complementary

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



10.7560, 15.9526, 7.3627



12.3488, 8.6748, 19.7634

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.



22.6666, 15.9526, 21.8987



10.7560, 15.9526, 7.3627



17.2481, 15.9526, 42.7987

Square

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



10.7560, 15.9526, 7.3627



11.0710, 15.9526, 35.6105



20.6329, 15.9526, 33.8285



20.1551, 15.9526, 6.7469

Rectangle

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



10.7560, 15.9526, 7.3627



9.4518, 15.9526, 19.9459



20.6329, 15.9526, 33.8285



22.8058, 15.9526, 15.0254

Sweetspot

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



10.7564, 15.9533, 7.3631



28.3677, 32.9217, 28.9645



15.0183, 16.4294, 7.2303



6.5368, 7.6848, 6.5642



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



10.7564, 15.9533, 7.3631



17.1634, 27.5582, 9.7996



10.7850, 15.8916, 10.8185



4.0026, 4.4766, 4.2776



7.5969, 14.7936, 2.4550



35.7698, 70.3254, 11.6889

Inverse Universe

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



12.3488, 8.6748, 19.7634



20.3700, 12.7830, 34.9504



12.4673, 8.8641, 13.9743



4.0973, 4.0480, 5.0086



9.6297, 4.5371, 19.7535



45.3588, 21.3453, 94.1992

Previews

White Background



This preview shows how the XYZ color 10.7560, 15.9526, 7.3627 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 10.7560, 15.9526, 7.3627

Background



This preview shows how black text looks on a background with the XYZ color 10.7560, 15.9526, 7.3627.



This preview shows how white text looks on a background with the XYZ color 10.7560, 15.9526,

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

10.7560, 15.9526, 7.3627

Protanopia

14.5261, 15.8327, 6.5654

Deuteranopia

16.0289, 15.7938, 7.6725



Tritanopia

13.6032, 15.8563, 21.7456

Trichromacy



Original Color

10.7560, 15.9526, 7.3627

Protanomaly

12.6820, 15.5414, 6.7463

Deuteranomaly

13.4894, 15.4383, 7.5791

Tritanomaly

12.3533, 15.8784, 15.2457

Monochromacy



Original Color

10.7560, 15.9526, 7.3627

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.5445, 13.8660, 11.3005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7560, 15.9526, 7.3627 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(73, 123, 64)` looks like.

```
.text, #text, p{  
    color:rgb(73, 123, 64)  
}
```

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(73, 123, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 123, 64) }
```

Border

The CSS property to change the border of an element to XYZ 10.7560, 15.9526, 7.3627 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(73, 123, 64) }
```


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

```
.border{ border-color:rgb(73, 123, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 123, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 123, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 123, 64);  
box-shadow:4px 4px 4px 4px rgb(73, 123,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7560, 15.9526, 7.3627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 123, 64) }
```

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

```
.background{ background-color: rgb(73, 123,  
64) }
```

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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