

Converting Colors

XYZ(11.5163, 15.6791, 12.7753)

Have a look what the booklet for
XYZ(11.5163, 15.6791, 12.7753)
contains.

XYZ(11.5163, 15.6791, 12.7753)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.5163, 15.6791,
12.7753)**

Conversions

Conversions Part 1

Format	Color
Hex	4A785D
RGB	74, 120, 93
RGB Percent	29%, 47%, 36%
CMY	0.7098, 0.5294, 0.6353
CMYK	0.38, 0.00, 0.23, 0.53
HSL	145°, 24%, 38%
HSV	145°, 38%, 47%
XYZ	11.5163, 15.6791, 12.7753
YIQ	103.1680, -18.7490, -18.1490

Conversions

Conversions Part 2

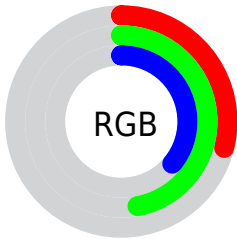
Format	Color
RYB	74, 107, 120
Decimal	4880477
CIELab	46.55, -22.20, 9.93
CIElCh	47, 24.320, 155.890
Yxy	15.6791, 0.2881, 0.3923
Android (android.graphics.Color)	4283070557 (0xFF4A785D)
YUV	103.1680, -5.0128, -25.5803
Hunter-Lab	39.5968, -17.3797, 8.5888

Details

The XYZ color **11.5163, 15.6791, 12.7753** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **12.5440, 9.8306, 13.5490**, and the grayscale version is **12.9533, 13.6279, 14.8408**.

A 20% lighter version of the original color is **28.3589, 36.2303, 31.4851**, and **3.1923, 4.9313, 3.4729** is the 20% darker color. If you saturate the color by 10%, you get **10.3814, 15.1289, 11.1681**, and if you desaturate by 10%, it is **12.8571, 16.3330, 14.5429**.

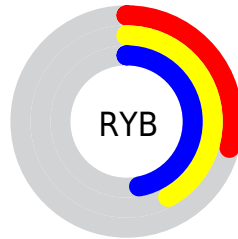
Distribution



Red (29%)

Green (47%)

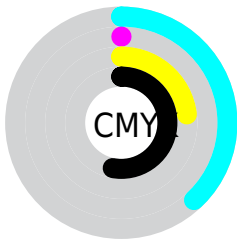
Blue (36%)



Red (29%)

Yellow (42%)

Blue (47%)

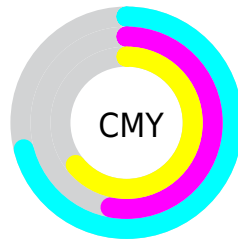


Cyan (38%)

Magenta (0%)

Yellow (23%)

Black (53%)



Cyan (71%)

Magenta (53%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5163, 15.6791, 12.7753 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 11.5163, 15.6791, 12.7753 by changing the saturation by 10% instead.

■ 11.5163, 15.6791,
12.7753

■ 11.5163, 15.6791,
12.7753

195.0123,
227.4406, 220.6296

■ 6.4851, 9.2974,
7.1451

■ 28.2356, 36.0402,
31.5848

■ 3.1857, 4.9356,
3.4732

■ 40.6544, 50.7884,
45.6011

■ 1.2527, 2.2096,
1.3410

■ 56.2664, 69.0941,
63.2499

■ 0.1474, 0.7252,
0.0951

■ 75.4370, 91.3419,
84.9496

■ 0.0000, 0.0000,
0.0000

■ 98.5315, 117.9160,
111.1190

125.9153,

149.2009, 142.1764

157.9538,
185.5810, 178.5404

■ 11.5163, 15.6791,
12.7753

■ 11.5163, 15.6791,
12.7753

■ 10.3814, 15.1289,
11.1681

■ 12.8571, 16.3330,
14.5429

■ 9.4403, 14.6749,
9.7156

■ 14.4125, 17.0937,
16.4742

■ 8.6816, 14.3118,
8.4135

■ 16.1922, 17.9666,
18.5736

■ 8.0919, 14.0328,
7.2567

■ 18.2051, 18.9561,
20.8452

■ 7.6560, 13.8302,
6.2399

■ 20.4594, 20.0664,
23.2930

■ 7.3336, 13.6831,
5.3564

■ 22.9631, 21.3015,
25.9205

■ 7.2831, 13.6601,
5.2214

■ 25.7235, 22.6652,
28.7315

■ 28.7479, 24.1611,
31.7295

■ 32.0432, 25.7927,
34.9179

Harmonies

Analogous

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



12.6612, 15.6791, 9.3204



11.5163, 15.6791, 12.7753



11.2402, 15.6791, 18.2848

Triad

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



11.5163, 15.6791, 12.7753



15.3202, 15.6791, 31.3302



18.4142, 15.6791, 11.1568

Complementary

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



11.5163, 15.6791, 12.7753



12.5440, 9.8306, 13.5490

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.



19.2847, 15.6791, 15.9138



11.5163, 15.6791, 12.7753



17.3939, 15.6791, 28.2422

Square

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



11.5163, 15.6791, 12.7753



13.3151, 15.6791, 29.9327



18.8949, 15.6791, 22.2376



16.6113, 15.6791, 8.5509

Rectangle

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



11.5163, 15.6791, 12.7753



11.5610, 15.6791, 22.6278



18.8949, 15.6791, 22.2376



18.8329, 15.6791, 12.5091

Sweetspot

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



11.5167, 15.6797, 12.7757



27.1902, 30.9666, 31.1681



13.3873, 16.7295, 9.0023



6.3702, 7.3027, 7.2999



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.



11.5167, 15.6797, 12.7757



18.4807, 26.7156, 19.9683



12.6586, 16.1365, 18.7888



4.0132, 4.4749, 4.6031



7.9383, 14.8990, 5.6601



37.4643, 70.9087, 24.8806

Inverse Universe

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



12.5440, 9.8306, 13.5490



20.5591, 14.8696, 21.5240



11.5917, 9.4497, 8.5343



4.0877, 4.0508, 4.6597



9.6641, 4.8418, 6.7882



45.6677, 22.9234, 30.1099

Previews

White Background



This preview shows how the XYZ color 11.5163, 15.6791, 12.7753 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 11.5163, 15.6791, 12.7753 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 11.5163, 15.6791, 12.7753

Background



This preview shows how black text looks on a background with the XYZ color 11.5163, 15.6791, 12.7753.



This preview shows how white text looks on a background with the XYZ color 11.5163, 15.6791,

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

11.5163, 15.6791, 12.7753

Protanopia

14.6735, 15.6383, 11.4776

Deuteranopia

15.7228, 15.5126, 13.2319



Tritanopia

13.3404, 15.7208, 21.7333

Trichromacy



Original Color

11.5163, 15.6791, 12.7753

Protanomaly

13.2296, 15.5395, 11.9750

Deuteranomaly

13.6939, 15.2593, 13.0501

Tritanomaly

12.4838, 15.5345, 17.9633

Monochromacy



Original Color

11.5163, 15.6791, 12.7753

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.1344, 14.1134, 13.8890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5163, 15.6791, 12.7753 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, 120, 93)` looks like.

```
.text, #text, p{  
    color:rgb(74, 120, 93)  
}
```

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, 120, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 120, 93) }
```

Border

The CSS property to change the border of an element to XYZ 11.5163, 15.6791, 12.7753 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, 120, 93) }
```


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

```
.border{ border-color:rgb(74, 120, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 120, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 120, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 120, 93);  
box-shadow:4px 4px 4px 4px rgb(74, 120,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5163, 15.6791, 12.7753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 120, 93) }
```

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

```
.background{ background-color: rgb(74, 120,  
93) }
```

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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