

Converting Colors

XYZ(10.7531, 16.2314, 11.1535)

Have a look what the booklet for
XYZ(10.7531, 16.2314, 11.1535)
contains.

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Color

**XYZ(10.7769, 16.2529,
11.1635)**

Conversions

Conversions Part 1

Format	Color
Hex	3B7D55
RGB	59, 125, 85
RGB Percent	23%, 49%, 33%
CMY	0.7686, 0.5098, 0.6667
CMYK	0.53, 0.00, 0.32, 0.51
HSL	144°, 36%, 36%
HSV	144°, 53%, 49%
XYZ	10.7769, 16.2529, 11.1635
YIQ	100.7060, -26.4960, -26.4320

Conversions

Conversions Part 2

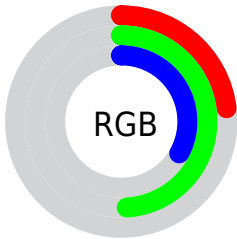
Format	Color
RYB	59, 106, 125
Decimal	3898709
CIELab	47.30, -30.86, 15.54
CIELCh	47, 34.552, 153.275
Yxy	16.2529, 0.2822, 0.4255
Android (android.graphics.Color)	4282088789 (0xFF3B7D55)
YUV	100.7060, -7.7431, -36.5762
Hunter-Lab	40.3149, -22.8348, 11.8026

Details

The XYZ color **10.7769, 16.2529, 11.1635** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **12.2740, 8.3890, 12.7770**, and the grayscale version is **12.3184, 12.9599, 14.1133**.

A 20% lighter version of the original color is **26.8491, 36.9696, 28.6424**, and **2.8823, 5.1786, 2.7671** is the 20% darker color. If you saturate the color by 10%, you get **9.8379, 15.8022, 9.6319**, and if you desaturate by 10%, it is **11.9264, 16.8093, 12.8740**.

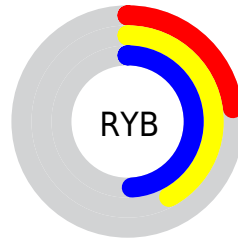
Distribution



Red (23%)

Green (49%)

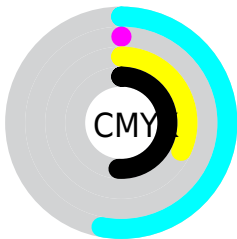
Blue (33%)



Red (23%)

Yellow (42%)

Blue (49%)

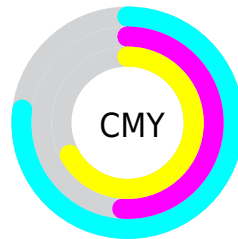


Cyan (53%)

Magenta (0%)

Yellow (32%)

Black (51%)



Cyan (77%)


Magenta (51%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.7769, 16.2529, 11.1635 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 10.7769, 16.2529, 11.1635 by changing the saturation by 10% instead.


 10.7769, 16.2529,
11.1635


 10.7769, 16.2529,
11.1635


190.0706,
230.8294, 209.5634


 5.9832, 9.7033,
6.0614


 26.8835, 37.0367,
28.6034


 2.8754, 5.2027,
2.8130

 38.9271, 52.0397,
41.7782


 1.0882, 2.3667,
1.0000

 54.1181, 70.6292,
58.4810

 0.0152, 0.8087,
0.0000

 72.8217, 93.1897,
79.1303

 0.0000, 0.0000,
0.0000

 95.4035, 120.1056,
104.1446

 122.2286,

151.7613, 133.9426

153.6625,
188.5411, 168.9426

■ 10.7769, 16.2529,
11.1635

■ 10.7769, 16.2529,
11.1635

■ 9.8379, 15.8022,
9.6319

■ 11.9264, 16.8093,
12.8740

■ 9.0944, 15.4482,
8.2720

■ 13.2978, 17.4758,
14.7678

■ 8.5309, 15.1836,
7.0781

■ 14.9031, 18.2589,
16.8507

■ 8.1289, 14.9989,
6.0432

■ 16.7528, 19.1640,
19.1278

■ 7.8935, 14.8917,
5.3912

■ 18.8572, 20.1962,
21.6041

■ 21.2257, 21.3603,
24.2843

■ 23.8672, 22.6609,
27.1731

■ 26.7903, 24.1022,
30.2748

■ 30.0032, 25.6883,
33.5937

Harmonies

Analogous

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



12.4467, 16.2529, 7.0363



10.7769, 16.2529, 11.1635



10.2986, 16.2529, 18.6742

Triad

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



10.7769, 16.2529, 11.1635



15.7856, 16.2529, 40.3374



20.8918, 16.2529, 9.9845

Complementary

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



10.7769, 16.2529, 11.1635



12.2740, 8.3890, 12.7770

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.



22.0785, 16.2529, 16.7538



10.7769, 16.2529, 11.1635



18.8965, 16.2529, 35.7946

Square

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



10.7769, 16.2529, 11.1635



12.9563, 16.2529, 37.3522



21.3045, 16.2529, 26.3818



18.2401, 16.2529, 6.5299

Rectangle

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



10.7769, 16.2529, 11.1635



10.6599, 16.2529, 25.2029



21.3045, 16.2529, 26.3818



21.4901, 16.2529, 11.8518

Sweetspot

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



10.7773, 16.2536, 11.1639



28.7596, 33.7096, 32.7490



13.3459, 17.6760, 6.8461



6.4168, 7.6066, 7.2958



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.



10.7773, 16.2536, 11.1639



17.3630, 28.1755, 16.8064



12.3663, 16.8891, 19.5311



4.3407, 4.8446, 4.9656



8.2348, 15.5405, 5.6091



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.2740, 8.3890, 12.7770



20.3374, 12.5022, 19.9806



11.0259, 7.8898, 6.2050



4.4286, 4.3846, 5.0615



10.1762, 5.0902, 7.5178



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 10.7769, 16.2529, 11.1635 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 10.7769, 16.2529, 11.1635 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 10.7769, 16.2529, 11.1635

Background



This preview shows how black text looks on a background with the XYZ color 10.7769, 16.2529, 11.1635.



This preview shows how white text looks on a background with the XYZ color 10.7769, 16.2529,

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

10.7769, 16.2529, 11.1635

Protanopia

14.9512, 16.1459, 9.7256

Deuteranopia

16.2668, 15.9825, 11.6788



Tritanopia

13.1578, 16.1182, 23.1865

Trichromacy



Original Color

10.7769, 16.2529, 11.1635

Protanomaly

12.8835, 15.9133, 10.1771

Deuteranomaly

13.4877, 15.6823, 11.5486

Tritanomaly

12.1327, 16.0603, 18.0833

Monochromacy



Original Color

10.7769, 16.2529, 11.1635

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.4792, 13.9565, 12.9153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7769, 16.2529, 11.1635 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(59, 125, 85)` looks like.

```
.text, #text, p{  
    color:rgb(59, 125, 85)  
}
```

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(59, 125, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 125, 85) }
```

Border

The CSS property to change the border of an element to XYZ 10.7769, 16.2529, 11.1635 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(59, 125, 85) }
```


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

```
.border{ border-color:rgb(59, 125, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 125, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 125, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 125, 85);  
box-shadow:4px 4px 4px 4px rgb(59, 125,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7769, 16.2529, 11.1635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 125, 85) }
```

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

```
.background{ background-color: rgb(59, 125,  
85) }
```

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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