

Converting Colors

XYZ(11.7610, 17.1826, 9.3533)

Have a look what the booklet for
XYZ(11.7610, 17.1826, 9.3533)
contains.

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Color

**XYZ(11.7610, 17.1826,
9.3533)**

Conversions

Conversions Part 1

Format	Color
Hex	4B7F4B
RGB	75, 127, 75
RGB Percent	29%, 50%, 29%
CMY	0.7059, 0.5020, 0.7059
CMYK	0.41, 0.00, 0.41, 0.50
HSL	120°, 26%, 40%
HSV	120°, 41%, 50%
XYZ	11.7610, 17.1826, 9.3533
YIQ	105.5240, -14.3000, -27.1960

Conversions

Conversions Part 2

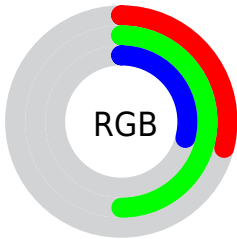
Format	Color
RYB	75, 127, 127
Decimal	4947787
CIELab	48.49, -28.81, 22.94
CIELCh	48, 36.832, 141.474
Yxy	17.1826, 0.3071, 0.4487
Android (android.graphics.Color)	4283137867 (0xFF4B7F4B)
YUV	105.5240, -15.0483, -26.7695
Hunter-Lab	41.4519, -21.8957, 15.6380

Details

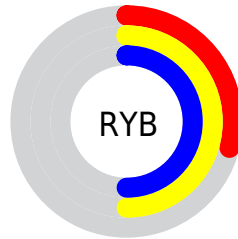
The XYZ color **11.7610, 17.1826, 9.3533** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **15.0998, 11.0768, 21.4214**, and the grayscale version is **13.6124, 14.3213, 15.5959**.

A 20% lighter version of the original color is **28.5635, 38.5334, 25.0010**, and **3.2649, 5.5957, 2.1363** is the 20% darker color. If you saturate the color by 10%, you get **10.4730, 16.5644, 7.2462**, and if you desaturate by 10%, it is **13.3350, 17.9392, 11.9276**.

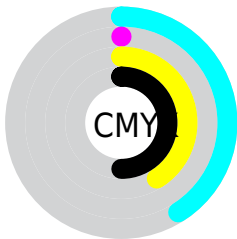
Distribution



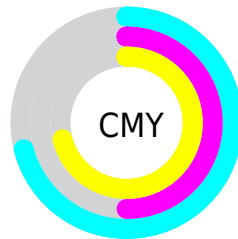
- Red (29%)
- Green (50%)
- Blue (29%)



- Red (29%)
- Yellow (50%)
- Blue (50%)



- Cyan (41%)
- Magenta (0%)
- Yellow (41%)
- Black (50%)



- Cyan (71%)
- Magenta (50%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7610, 17.1826, 9.3533 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 11.7610, 17.1826, 9.3533 by changing the saturation by 10% instead.

■ 11.7610, 17.1826,
9.3533

■ 11.7610, 17.1826,
9.3533

196.6190,
236.2225, 196.3061

■ 6.6522, 10.3648,
4.8724

■ 28.6797, 38.6395,
25.1603

■ 3.2899, 5.6415,
2.1152

■ 41.2203, 54.0473,
37.3235

■ 1.3089, 2.6283,
0.6248

■ 56.9689, 73.0872,
52.8845

■ 0.1899, 0.9409,
0.0000

■ 76.2908, 96.1437,
72.2619

■ 0.0000, 0.0000,
0.0000

■ 99.5514, 123.6010,
95.8743

127.1161,

155.8437, 124.1400

159.3502,
193.2560, 157.4778

■ 11.7610, 17.1826,
9.3533

■ 11.7610, 17.1826,
9.3533

■ 10.4730, 16.5644,
7.2462

■ 13.3350, 17.9392,
11.9276

■ 9.4526, 16.0743,
5.5772

■ 15.2094, 18.8396,
14.9935

■ 8.6814, 15.7039,
4.3158


■ 17.3991, 19.8914,
18.5751


■ 8.1381, 15.4429,
3.4270

■ 19.9177, 21.1012,
22.6947


■ 7.7978, 15.2794,
2.8703


■ 22.7780, 22.4751,
27.3731

 7.5897, 15.1794,
2.5300

 25.9920, 24.0190,
32.6301

 29.5713, 25.7383,
38.4846

 33.5268, 27.6384,
44.9546

 37.8692, 29.7242,
52.0571

Harmonies

Analogous

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



14.0684, 17.1826, 6.1925



11.7610, 17.1826, 9.3533



10.7159, 17.1826, 16.0855

Triad

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



11.7610, 17.1826, 9.3533



15.3878, 17.1826, 43.7773



23.1484, 17.1826, 12.6947

Complementary

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



11.7610, 17.1826, 9.3533



15.0998, 11.0768, 21.4214

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.



23.6298, 17.1826, 21.6031



11.7610, 17.1826, 9.3533



18.8252, 17.1826, 41.8925

Square

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



11.7610, 17.1826, 9.3533



12.6124, 17.1826, 37.3494



21.9550, 17.1826, 32.8435



20.7181, 17.1826, 7.6074

Rectangle

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



11.7610, 17.1826, 9.3533



10.7597, 17.1826, 22.6564



21.9550, 17.1826, 32.8435



23.5557, 17.1826, 15.2488

Sweetspot

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



11.7614, 17.1833, 9.3537



30.5975, 35.3508, 32.3480



17.6125, 20.1997, 9.6273



7.0638, 8.2286, 7.4102



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



11.7614, 17.1833, 9.3537



18.9161, 29.7396, 13.2410



12.8404, 17.6149, 15.0355



4.2760, 4.8187, 4.6249



7.6541, 15.3082, 2.5515



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.0998, 11.0768, 21.4214



25.7452, 17.2476, 37.9276



13.6179, 10.4840, 13.6182



4.4982, 4.4124, 5.4279



12.6903, 6.0958, 20.7567



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.7610, 17.1826, 9.3533 looks on a white background.

Color Contrast Check

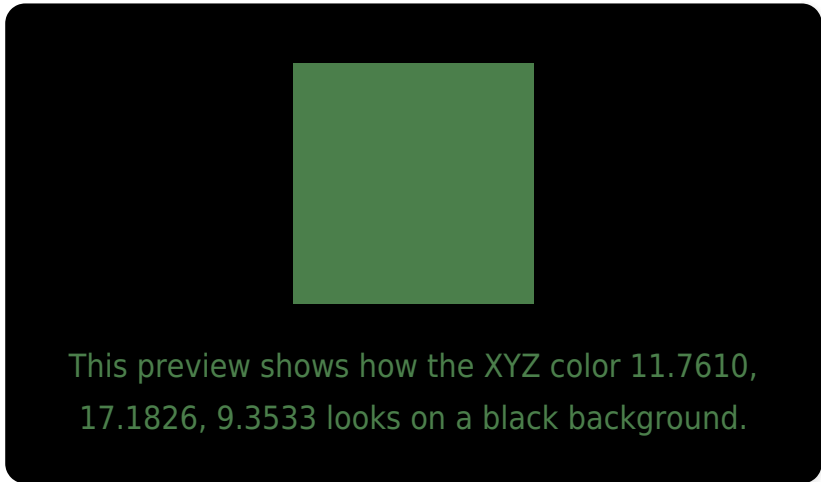
Large Text (above 18pt) WCAG AA ✓ Pass

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

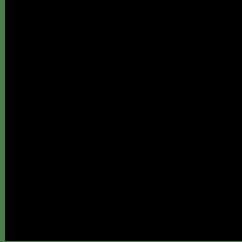
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.7610, 17.1826, 9.3533

Background



This preview shows how black text looks on a background with the XYZ color 11.7610, 17.1826, 9.3533.



This preview shows how white text looks on a background with the XYZ color 11.7610, 17.1826,

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

11.7610, 17.1826, 9.3533

Protanopia

15.6937, 17.0636, 8.2608

Deuteranopia

17.3037, 17.0347, 9.7732



Tritanopia

14.5835, 17.0231, 23.6362

Trichromacy



Original Color

11.7610, 17.1826, 9.3533

Protanomaly

13.8299, 16.7873, 8.6423

Deuteranomaly

14.5600, 16.6182, 9.6480

Tritanomaly

13.3771, 17.0855, 17.3446

Monochromacy



Original Color

11.7610, 17.1826, 9.3533

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

12.8022, 15.2937, 13.1037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7610, 17.1826, 9.3533 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(75, 127, 75)` looks like.

```
.text, #text, p{  
    color:rgb(75, 127, 75)  
}
```

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(75, 127, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 127, 75) }
```

Border

The CSS property to change the border of an element to XYZ 11.7610, 17.1826, 9.3533 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(75, 127, 75) }
```


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

```
.border{ border-color:rgb(75, 127, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 127, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 127, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 127, 75);  
box-shadow:4px 4px 4px 4px rgb(75, 127,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7610, 17.1826, 9.3533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 127, 75) }
```

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

```
.background{ background-color: rgb(75, 127,  
75) }
```

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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