

Converting Colors

XYZ(7.2370, 11.8665, 8.3804)

Have a look what the booklet for
XYZ(7.2370, 11.8665, 8.3804)
contains.

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Color

**XYZ(7.2380, 11.8659,
8.3874)**

Conversions

Conversions Part 1

Format	Color
Hex	1A6E4A
RGB	26, 110, 74
RGB Percent	10%, 43%, 29%
CMY	0.8980, 0.5686, 0.7098
CMYK	0.76, 0.00, 0.33, 0.57
HSL	154°, 62%, 27%
HSV	154°, 76%, 43%
XYZ	7.2380, 11.8659, 8.3874
YIQ	80.7800, -38.5080, -29.0040

Conversions

Conversions Part 2

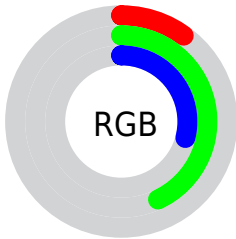
Format	Color
R_{YB}	26, 79, 110
Decimal	1732170
CIE _{Lab}	41.00, -33.77, 13.18
CIE _{LCh}	41, 36.249, 158.676
Yxy	11.8659, 0.2633, 0.4316
Android (android.graphics.Color)	4279922250 (0xFF1A6E4A)
YUV	80.7800, -3.3425, -48.0421
Hunter-Lab	34.4469, -22.7756, 9.6765

Details

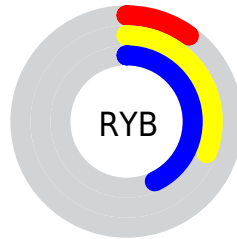
The XYZ color **7.2380, 11.8659, 8.3874** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7.6698, 4.4020, 5.0036**, and the grayscale version is **7.7899, 8.1956, 8.9250**.

A 20% lighter version of the original color is **20.0628, 29.1097, 23.3002**, and **1.9031, 3.4312, 1.7903** is the 20% darker color. If you saturate the color by 10%, you get **6.8563, 11.6871, 7.5714**, and if you desaturate by 10%, it is **7.7402, 12.1061, 9.2717**.

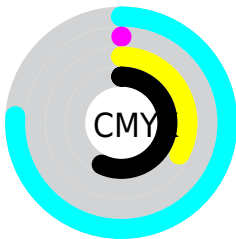
Distribution



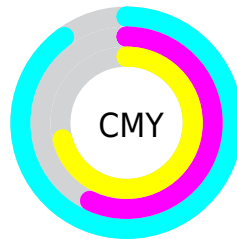
- Red (10%)
- Green (43%)
- Blue (29%)



- Red (10%)
- Yellow (31%)
- Blue (43%)



- Cyan (76%)
- Magenta (0%)
- Yellow (33%)
- Black (57%)





- Cyan (90%)
- Magenta (57%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 7.2380, 11.8659, 8.3874 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 7.2380, 11.8659, 8.3874 by changing the saturation by 10% instead.


 7.2380, 11.8659,
8.3874

 7.2380, 11.8659,
8.3874


164.1288,
203.5155, 188.7864


 3.6590, 6.6524,
4.2525


 20.1504, 29.2506,
23.2731


 1.5111, 3.2457,
1.7649

 30.2146, 42.1907,
34.8609


 0.3334, 1.2613,
0.4046

 43.1713, 58.4751,
49.7702

 0.0000, 0.1109,
0.0000

 59.3858, 78.4881,
68.4194

 0.0000, 0.0000,
0.0000

 79.2234, 102.6143,
91.2270

 103.0495,

131.2380, 118.6118

131.2296,
164.7436, 150.9920

■ 7.2380, 11.8659,
8.3874

■ 7.2380, 11.8659,
8.3874

■ 6.8563, 11.6871,
7.5714

■ 7.7402, 12.1061,
9.2717

■ 6.5680, 11.5548,
6.8204

■ 8.3733, 12.4120,
10.2254

■ 6.4693, 11.5096,
6.5621

■ 9.1475, 12.7892,
11.2504

■ 10.0719, 13.2424,
12.3485

■ 11.1545, 13.7757,
13.5212

■ 12.4029, 14.3929,
14.7700

■ 13.8243, 15.0978,
16.0964

■ 15.4253, 15.8937,
17.5018

■ 17.2121, 16.7838,
18.9877

Harmonies

Analogous

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



8.4376, 11.8659, 4.6644



7.2380, 11.8659, 8.3874



7.0283, 11.8659, 15.1986

Triad

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



7.2380, 11.8659, 8.3874



12.0480, 11.8659, 32.8313



15.6413, 11.8659, 5.8872

Complementary

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



7.2380, 11.8659, 8.3874



7.6698, 4.4020, 5.0036

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.



16.9674, 11.8659, 10.8813



7.2380, 11.8659, 8.3874



14.6940, 11.8659, 27.6028

Square

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



7.2380, 11.8659, 8.3874



9.5586, 11.8659, 31.3366



16.5965, 11.8659, 18.8470



13.1925, 11.8659, 3.6543

Rectangle

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



7.2380, 11.8659, 8.3874



7.4411, 11.8659, 21.0656



16.5965, 11.8659, 18.8470



16.2490, 11.8659, 7.2025

Sweetspot

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



7.2383, 11.8664, 8.3877



20.1615, 24.4747, 24.3340



7.7746, 12.2641, 2.9350



4.5572, 5.6290, 5.5243



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



7.2383, 11.8664, 8.3877



11.6358, 20.3389, 12.2211



8.2316, 11.3273, 16.5049



3.4174, 3.7922, 4.0045



7.7566, 13.8202, 7.8052



38.2007, 68.6689, 36.5720

Inverse Universe

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



7.6698, 4.4020, 5.0036



12.4529, 6.4851, 6.0213



7.1231, 4.4015, 1.4517



3.4383, 3.4230, 3.8349



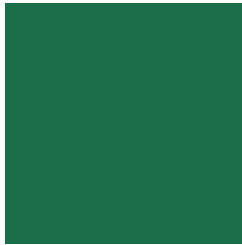
8.3306, 4.2246, 3.5509



41.0835, 20.8787, 15.5039

Previews

White Background



This preview shows how the XYZ color 7.2380, 11.8659, 8.3874 looks on a white background.

Color Contrast Check

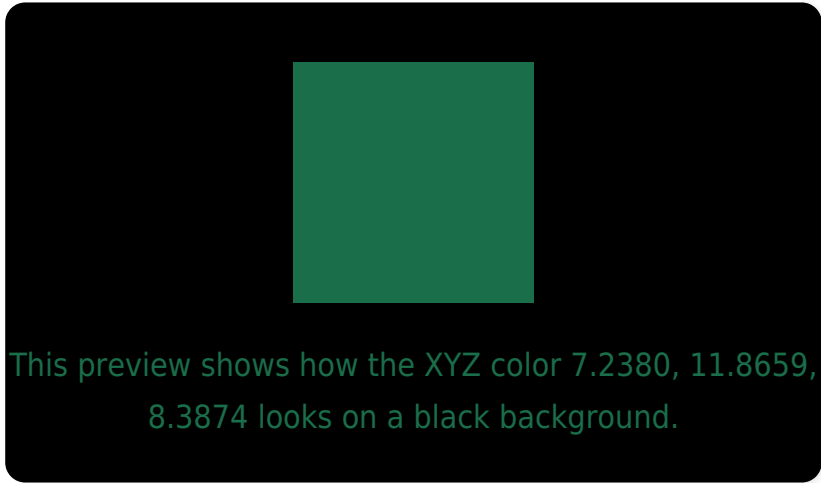
Large Text (above 18pt) WCAG AA ✓ Pass

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 7.2380, 11.8659, 8.3874

Background



This preview shows how black text looks on a background with the XYZ color 7.2380, 11.8659, 8.3874.



This preview shows how white text looks on a background with the XYZ color 7.2380, 11.8659, 8.3874.

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

7.2380, 11.8659, 8.3874

Protanopia

10.9352, 11.7262, 7.1559

Deuteranopia

11.8844, 11.6491, 8.8299



Tritanopia

9.1710, 11.8759, 17.7285

Trichromacy



Original Color

7.2380, 11.8659, 8.3874

Protanomaly

8.7397, 11.2861, 7.5121

Deuteranomaly

9.1947, 11.2088, 8.7001

Tritanomaly

8.3092, 11.8283, 13.6495

Monochromacy



Original Color

7.2380, 11.8659, 8.3874

Achromatopsia

7.8210, 8.2283, 8.9606

Achromatomaly

7.1268, 9.1965, 8.6072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.2380, 11.8659, 8.3874 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(26, 110, 74)` looks like.

```
.text, #text, p{  
    color:rgb(26, 110, 74)  
}
```

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(26, 110, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 110, 74) }
```

Border

The CSS property to change the border of an element to XYZ 7.2380, 11.8659, 8.3874 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(26, 110, 74) }
```


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

```
.border{ border-color:rgb(26, 110, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 110, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 110, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 110, 74);  
box-shadow:4px 4px 4px 4px rgb(26, 110,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 7.2380, 11.8659, 8.3874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 110, 74) }
```

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

```
.background{ background-color: rgb(26, 110,  
74) }
```

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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