

Converting Colors

XYZ(3.8453, 9.1339, 7.2411)

Have a look what the booklet for
XYZ(3.8453, 9.1339, 7.2411)
contains.

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Color

**XYZ(6.0245, 10.3303,
7.3066)**

Conversions

Conversions Part 1

Format	Color
Hex	006845
RGB	0, 104, 69
RGB Percent	0%, 41%, 27%
CMY	1.0000, 0.5921, 0.7294
CMYK	1.00, 0.00, 0.34, 0.59
HSL	160°, 100%, 20%
HSV	160°, 100%, 41%
XYZ	6.0245, 10.3303, 7.3066
YIQ	68.9140, -50.7490, -32.9330

Conversions

Conversions Part 2

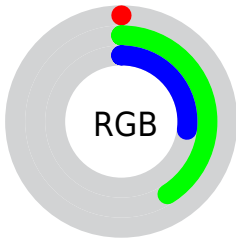
Format	Color
RYB	0, 63, 104
Decimal	26693
CIELab	38.43, -35.25, 12.57
CIELCh	38, 37.424, 160.375
Yxy	10.3303, 0.2546, 0.4366
Android (android.graphics.Color)	4278216773 (0xFF006845)
YUV	68.9140, 0.0424, -60.4376
Hunter-Lab	32.1408, -22.7882, 9.0201

Details

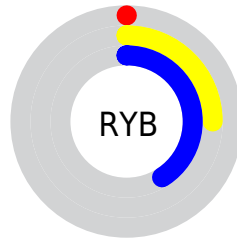
The XYZ color **6.0245, 10.3303, 7.3066** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6.0127, 3.0647, 1.8653**, and the grayscale version is **5.6489, 5.9430, 6.4720**.

A 20% lighter version of the original color is **17.6979, 26.4009, 20.9927**, and **1.5896, 2.8985, 1.3954** is the 20% darker color. If you saturate the color by 10%, you get **6.0246, 10.3306, 7.3065**, and if you desaturate by 10%, it is **6.2669, 10.4426, 7.9023**.

Distribution



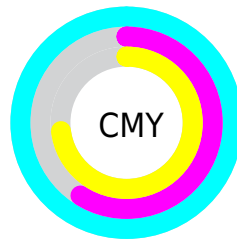
- Red (0%)
- Green (41%)
- Blue (27%)



- Red (0%)
- Yellow (25%)
- Blue (41%)



- Cyan (100%)
- Magenta (0%)
- Yellow (34%)
- Black (59%)



- Cyan (100%)
- Magenta (59%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 6.0245, 10.3303, 7.3066 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 6.0245, 10.3303, 7.3066 by changing the saturation by 10% instead.

■ 6.0245, 10.3303,
7.3066

■ 6.0245, 10.3303,
7.3066

154.0215,
193.0135, 179.9140

■ 2.9008, 5.6185,
3.5732

■ 17.7067, 26.4149,
21.1107

■ 1.1015, 2.6145,
1.3943

■ 26.9958, 38.5566,
32.0185

■ 0.0264, 0.9340,
0.1372

■ 39.0709, 53.9436,
46.1549


■ 0.0000, 0.0000,
0.0000


■ 54.2971, 72.9604,
63.9383


■ 73.0400, 95.9914,
85.7874


■ 95.6647, 123.4210,


112.1207


 122.5368,
155.6336, 143.3567


 6.0245, 10.3303,
7.3066


 6.0245, 10.3303,
7.3066


 6.0246, 10.3306,
7.3065

 6.2669, 10.4426,
7.9023

 6.5602, 10.5801,
8.5341

 6.9514, 10.7674,
9.2052

 7.4507, 11.0095,
9.9164

 8.0671, 11.3113,
10.6687

■ 8.8083, 11.6766,
11.4630

■ 9.6817, 12.1092,
12.3001

■ 10.6939, 12.6126,
13.1809

■ 11.8512, 13.1899,
14.1060

Harmonies

Analogous

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



7.0785, 10.3303, 3.7954



6.0245, 10.3303, 7.3066



5.8840, 10.3303, 13.8496

Triad

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



6.0245, 10.3303, 7.3066



10.6894, 10.3303, 30.3564



13.8509, 10.3303, 4.5888

Complementary

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



6.0245, 10.3303, 7.3066



6.0127, 3.0647, 1.8653

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.



15.2038, 10.3303, 8.9944



6.0245, 10.3303, 7.3066



13.1878, 10.3303, 24.9298

Square

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



6.0245, 10.3303, 7.3066



8.3235, 10.3303, 29.2805



14.9428, 10.3303, 16.4000



11.4828, 10.3303, 2.7378

Rectangle

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



6.0245, 10.3303, 7.3066



6.2971, 10.3303, 19.5170



14.9428, 10.3303, 16.4000



14.4559, 10.3303, 5.7233

Sweetspot

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



6.0248, 10.3307, 7.3068



16.8455, 21.1745, 21.4509



5.6923, 10.2834, 1.6851



3.9895, 5.1063, 5.1211



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



6.0248, 10.3307, 7.3068



10.5161, 18.1023, 12.5378



6.0217, 8.0453, 14.3327



2.8664, 3.1703, 3.3981



7.4113, 12.7281, 8.9273



38.2348, 66.2165, 44.3538

Inverse Universe

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



6.0127, 3.0647, 1.8653



10.4989, 5.3566, 3.0126



5.8887, 3.3022, 0.3272



2.8640, 2.8602, 3.1561



7.3973, 3.7719, 2.2248



38.2091, 19.5236, 9.6442

Previews

White Background



This preview shows how the XYZ color 6.0245, 10.3303, 7.3066 looks on a white background.

Color Contrast Check

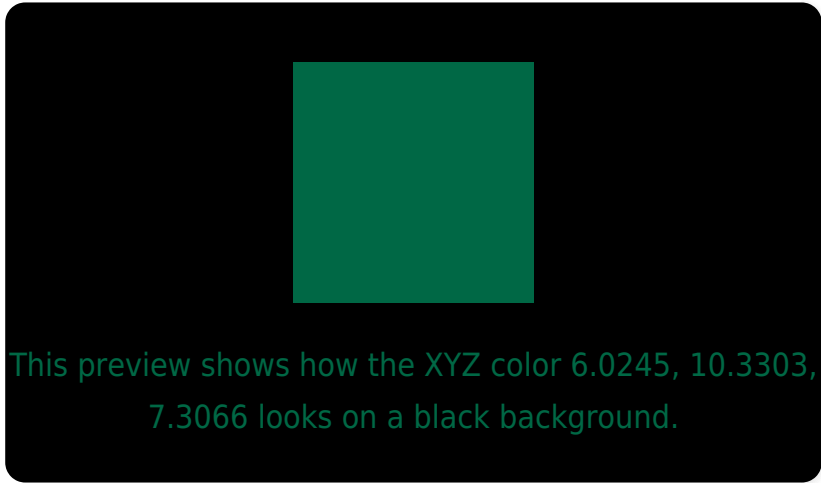
Large Text (above 18pt) WCAG AA ✓ Pass

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 6.0245, 10.3303, 7.3066

Background



This preview shows how black text looks on a background with the XYZ color 6.0245, 10.3303, 7.3066.



This preview shows how white text looks on a background with the XYZ color 6.0245, 10.3303,

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

6.0245, 10.3303, 7.3066

Protanopia

9.5904, 10.2679, 6.1791

Deuteranopia

10.4365, 10.3007, 7.7415



Tritanopia

7.8432, 10.3603, 15.4963

Trichromacy



Original Color

6.0245, 10.3303, 7.3066

Protanomaly

7.0329, 9.5902, 6.4814

Deuteranomaly

7.3988, 9.4899, 7.5727

Tritanomaly

6.9828, 10.2798, 11.9721

Monochromacy



Original Color

6.0245, 10.3303, 7.3066

Achromatopsia

5.6565, 5.9511, 6.4808

Achromatomaly

5.1302, 6.9997, 6.7109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 6.0245, 10.3303, 7.3066 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(0, 104, 69)` looks like.

```
.text, #text, p{  
    color:rgb(0, 104, 69)  
}
```

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(0, 104, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 104, 69) }
```

Border

The CSS property to change the border of an element to XYZ 6.0245, 10.3303, 7.3066 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(0, 104, 69) }
```


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

```
.border{ border-color:rgb(0, 104, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 104, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 104, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 104, 69);  
box-shadow:4px 4px 4px 4px rgb(0, 104, 69)  
}
```

Background

The CSS property to change the background color of an element to XYZ 6.0245, 10.3303, 7.3066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 104, 69) }
```

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

```
.background{ background-color: rgb(0, 104,  
69) }
```

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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