

Converting Colors

XYZ(6.4305, 13.0669, 6.2152)

Have a look what the booklet for
XYZ(6.4305, 13.0669, 6.2152)
contains.

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Color

**XYZ(7.3605, 13.4991,
6.2206)**

Conversions

Conversions Part 1

Format	Color
Hex	00773A
RGB	0, 119, 58
RGB Percent	0%, 47%, 23%
CMY	1.0000, 0.5333, 0.7725
CMYK	1.00, 0.00, 0.51, 0.53
HSL	149°, 100%, 23%
HSV	149°, 100%, 47%
XYZ	7.3605, 13.4991, 6.2206
YIQ	76.4650, -51.3430, -44.1990

Conversions

Conversions Part 2

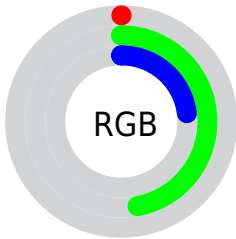
Format	Color
RYB	0, 80, 119
Decimal	30522
CIELab	43.51, -43.37, 25.57
CIELCh	44, 50.345, 149.480
Yxy	13.4991, 0.2718, 0.4985
Android (android.graphics.Color)	4278220602 (0xFF00773A)
YUV	76.4650, -9.1032, -67.0598
Hunter-Lab	36.7411, -28.5373, 15.6805

Details

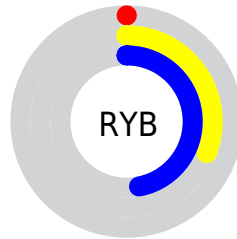
The XYZ color **7.3605, 13.4991, 6.2206** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **8.4504, 4.2590, 4.7918**, and the grayscale version is **6.9783, 7.3417, 7.9951**.

A 20% lighter version of the original color is **20.3345, 32.0822, 18.7564**, and **2.2008, 4.2853, 1.0919** is the 20% darker color. If you saturate the color by 10%, you get **7.3608, 13.4996, 6.2208**, and if you desaturate by 10%, it is **7.6756, 13.6429, 7.0944**.

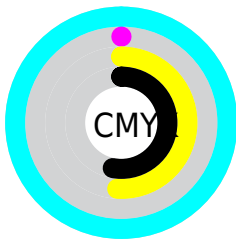
Distribution



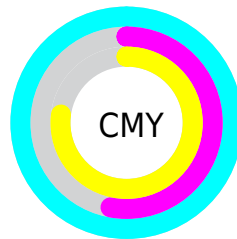
- Red (0%)
- Green (47%)
- Blue (23%)



- Red (0%)
- Yellow (31%)
- Blue (47%)



- Cyan (100%)
- Magenta (0%)
- Yellow (51%)
- Black (53%)





- Cyan (100%)
- Magenta (53%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 7.3605, 13.4991, 6.2206 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 7.3605, 13.4991, 6.2206 by changing the saturation by 10% instead.


 7.3605, 13.4991,
6.2206


 7.3605, 13.4991,
6.2206


165.1067,
214.0920, 170.3980


 3.7369, 7.7731,
2.9087


 20.3925, 32.1976,
18.8726


 1.5544, 3.9501,
1.0482

 30.5316, 45.9389,
29.0498


 0.3624, 1.6457,
0.0000

 43.5732, 63.1207,
42.3525

 0.0000, 0.3881,
0.0000


 59.8827, 84.1275,
59.1993


 0.0000, 0.0000,
0.0000


 79.8254, 109.3436,
80.0087


 103.7668,


139.1535, 105.1993


 132.0721,
173.9415, 135.1895


 7.3605, 13.4991,
6.2206


 7.3605, 13.4991,
6.2206


 7.3608, 13.4996,
6.2208

 7.6756, 13.6429,
7.0944

 8.0809, 13.8306,
8.0714

 8.6293, 14.0899,
9.1574

 9.3356, 14.4282,
10.3559

 10.2129, 14.8523,
11.6704

■ 11.2727, 15.3680,
13.1041

■ 12.5255, 15.9807,
14.6600

■ 13.9809, 16.6953,
16.3411

■ 15.6480, 17.5164,
18.1503

Harmonies

Analogous

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



9.4600, 13.4991, 2.7627



7.3605, 13.4991, 6.2206



6.6614, 13.4991, 14.5026

Triad

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



7.3605, 13.4991, 6.2206



12.7620, 13.4991, 48.6885



20.5954, 13.4991, 6.4144

Complementary

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



7.3605, 13.4991, 6.2206



8.4504, 4.2590, 4.7918

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.



21.9653, 13.4991, 14.8956



7.3605, 13.4991, 6.2206



16.9193, 13.4991, 42.7266

Square

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



7.3605, 13.4991, 6.2206



9.3634, 13.4991, 42.3277



20.5015, 13.4991, 28.6526



17.0625, 13.4991, 2.8276

Rectangle

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



7.3605, 13.4991, 6.2206



6.9445, 13.4991, 23.1590



20.5015, 13.4991, 28.6526



21.3526, 13.4991, 8.5990

Sweetspot

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



7.3608, 13.4996, 6.2209



22.2452, 28.5259, 26.0306



8.5515, 14.2017, 2.2905



5.0830, 6.6679, 5.9389



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.



7.3608, 13.4996, 6.2209



13.1111, 24.1454, 10.7732



9.8091, 14.4789, 19.1131



3.7081, 4.1252, 4.2966



7.8153, 14.3401, 6.5836



37.6550, 69.7093, 29.8180

Inverse Universe

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



8.4504, 4.2590, 4.7918



15.0616, 7.5984, 8.2111



7.6189, 3.9265, 0.4133



3.7550, 3.7293, 4.2366



8.9728, 4.5228, 5.0651



43.2914, 21.8667, 22.3956

Previews

White Background



This preview shows how the XYZ color 7.3605, 13.4991, 6.2206 looks on a white background.

Color Contrast Check

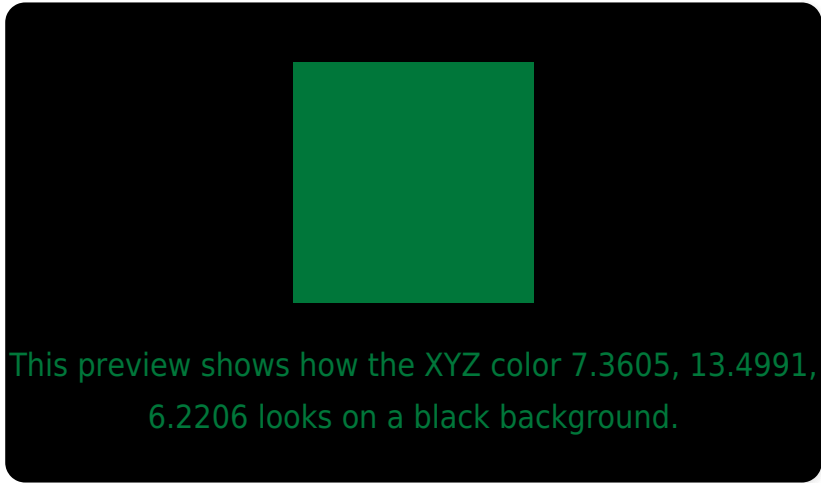
Large Text (above 18pt) WCAG AA ✓ Pass

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 7.3605, 13.4991, 6.2206

Background



This preview shows how black text looks on a background with the XYZ color 7.3605, 13.4991, 6.2206.



This preview shows how white text looks on a background with the XYZ color 7.3605, 13.4991,

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

7.3605, 13.4991, 6.2206

Protanopia

12.2801, 13.4591, 5.1995

Deuteranopia

13.5771, 13.3793, 6.5695



Tritanopia

10.3721, 13.5497, 20.1578

Trichromacy



Original Color

7.3605, 13.4991, 6.2206



Protanomaly

8.8070, 12.5813, 5.4543



Deuteranomaly

9.2208, 12.3073, 6.3044



Tritanomaly

8.8420, 13.4045, 13.6766

Monochromacy



Original Color

7.3605, 13.4991, 6.2206



Achromatopsia

6.8694, 7.2272, 7.8704



Achromatomaly

6.1202, 8.7123, 6.9893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.3605, 13.4991, 6.2206 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, 119, 58)` looks like.

```
.text, #text, p{  
    color:rgb(0, 119, 58)  
}
```

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, 119, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 119, 58) }
```

Border

The CSS property to change the border of an element to XYZ 7.3605, 13.4991, 6.2206 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, 119, 58) }
```


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

```
.border{ border-color:rgb(0, 119, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 119, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 119, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 119, 58);  
box-shadow:4px 4px 4px 4px rgb(0, 119, 58)  
}
```

Background

The CSS property to change the background color of an element to XYZ 7.3605, 13.4991, 6.2206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 119, 58) }
```

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

```
.background{ background-color: rgb(0, 119,  
58) }
```

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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