

Converting Colors

XYZ(8.0066, 11.9711, 7.1989)

Have a look what the booklet for
XYZ(8.0066, 11.9711, 7.1989)
contains.

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Color

**XYZ(8.0066, 11.9711,
7.1989)**

Conversions

Conversions Part 1

Format	Color
Hex	386C43
RGB	56, 108, 67
RGB Percent	22%, 42%, 26%
CMY	0.7804, 0.5765, 0.7372
CMYK	0.48, 0.00, 0.38, 0.58
HSL	133°, 32%, 32%
HSV	133°, 48%, 42%
XYZ	8.0066, 11.9711, 7.1989
YIQ	87.7780, -17.8310, -23.7750

Conversions

Conversions Part 2

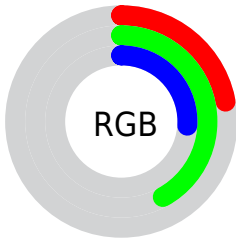
Format	Color
RYB	56, 99, 108
Decimal	3697731
CIELab	41.17, -27.24, 17.70
CIELCh	41, 32.484, 146.989
Yxy	11.9711, 0.2946, 0.4405
Android (android.graphics.Color)	4281887811 (0xFF386C43)
YUV	87.7780, -10.2436, -27.8693
Hunter-Lab	34.5993, -19.2421, 11.8833

Details

The XYZ color **8.0066, 11.9711, 7.1989** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **9.7566, 6.8799, 12.1235**, and the grayscale version is **9.2521, 9.7339, 10.6002**.

A 20% lighter version of the original color is **21.6092, 29.4436, 20.7639**, and **1.7955, 3.3065, 1.3542** is the 20% darker color. If you saturate the color by 10%, you get **7.2300, 11.5985, 5.9258**, and if you desaturate by 10%, it is **8.9517, 12.4269, 8.6766**.

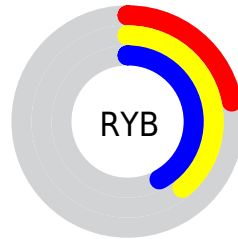
Distribution



Red (22%)

Green (42%)

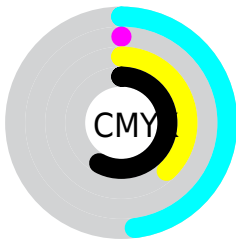
Blue (26%)



Red (22%)

Yellow (39%)

Blue (42%)

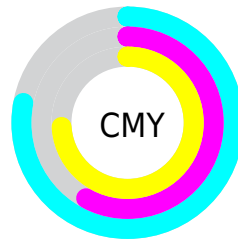


Cyan (48%)

Magenta (0%)

Yellow (38%)

Black (58%)



Cyan (78%)

Magenta (58%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.0066, 11.9711, 7.1989 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 8.0066, 11.9711, 7.1989 by changing the saturation by 10% instead.

8.0066, 11.9711,
7.1989

8.0066, 11.9711,
7.1989

170.1527,
204.2139, 178.9995

4.1510, 6.7240,
3.5065

21.6567, 29.4425,
20.8919

1.7879, 3.2901,
1.3587

32.1819, 42.4355,
31.7295

0.5104, 1.2850,
0.1092

45.6610, 58.7793,
45.7860

0.0000, 0.1295,
0.0000

62.4594, 78.8583,
63.4798

0.0000, 0.0000,
0.0000

82.9424, 103.0569,
85.2295

107.4754,

131.7594, 111.4537

136.4237,
165.3503, 142.5708

■ 8.0066, 11.9711,
7.1989

■ 8.0066, 11.9711,
7.1989

■ 7.2300, 11.5985,
5.9258

■ 8.9517, 12.4269,
8.6766

■ 6.6108, 11.3025,
4.8474

■ 10.0737, 12.9691,
10.3666

■ 6.1383, 11.0782,
3.9545

■ 11.3813, 13.6023,
12.2770

■ 5.7995, 10.9191,
3.2363

■ 12.8826, 14.3304,
14.4154

■ 5.5571, 10.8062,
2.6803

■ 14.5851, 15.1573,
16.7890

■ 5.5159, 10.7868,
2.5939

■ 16.4960, 16.0865,
19.4047

■ 18.6219, 17.1213,
22.2691

■ 20.9695, 18.2649,
25.3885

■ 23.5447, 19.5203,
28.7690

Harmonies

Analogous

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



9.4558, 11.9711, 4.5933



8.0066, 11.9711, 7.1989



7.4503, 11.9711, 12.3693

Triad

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



8.0066, 11.9711, 7.1989



11.1435, 11.9711, 30.6033



15.8772, 11.9711, 8.0172

Complementary

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



8.0066, 11.9711, 7.1989



9.7566, 6.8799, 12.1235

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.



16.4891, 11.9711, 13.7231



8.0066, 11.9711, 7.1989



13.5449, 11.9711, 28.2201

Square

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



8.0066, 11.9711, 7.1989



9.0986, 11.9711, 27.1025



15.5840, 11.9711, 21.3911



14.0098, 11.9711, 4.9393

Rectangle

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



8.0066, 11.9711, 7.1989



7.5946, 11.9711, 17.1742



15.5840, 11.9711, 21.3911



16.2468, 11.9711, 9.6200

Sweetspot

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



8.0069, 11.9716, 7.1992



20.9329, 24.3413, 22.9196



11.0708, 13.5856, 5.7804



4.9628, 5.8413, 5.3989



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.



8.0069, 11.9716, 7.1992



12.5211, 20.2796, 10.1124



8.9431, 12.3461, 12.1292



3.0878, 3.4543, 3.4461



6.5698, 12.8620, 3.0455



33.2069, 65.4299, 14.1024

Inverse Universe

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



9.7566, 6.8799, 12.1235



15.9943, 10.1465, 19.8684



8.7556, 6.4795, 6.8522



3.1915, 3.1535, 3.7388



9.3296, 4.5840, 10.6302



47.2139, 23.2275, 52.4564

Previews

White Background



This preview shows how the XYZ color 8.0066, 11.9711, 7.1989 looks on a white background.

Color Contrast Check

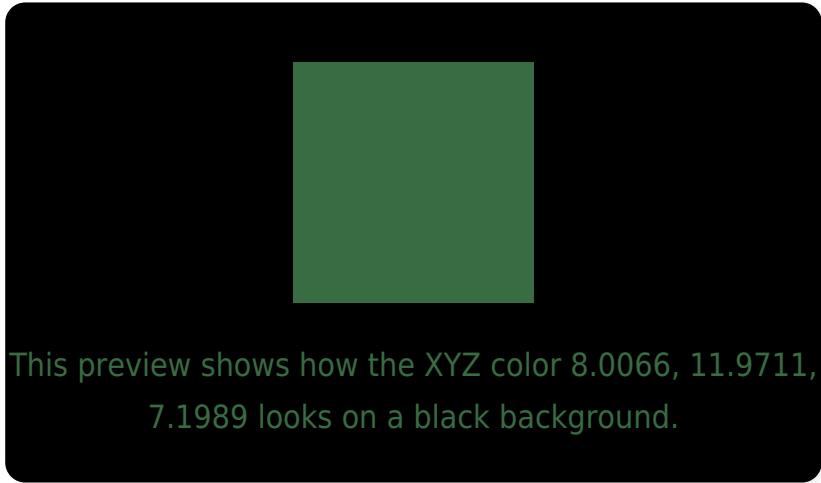
Large Text (above 18pt) WCAG AA ✓ Pass

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 8.0066, 11.9711, 7.1989

Background



This preview shows how black text looks on a background with the XYZ color 8.0066, 11.9711, 7.1989.



This preview shows how white text looks on a background with the XYZ color 8.0066, 11.9711,

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

8.0066, 11.9711, 7.1989

Protanopia

10.9699, 11.9004, 6.2763

Deuteranopia

11.9911, 11.8610, 7.6186



Tritanopia

9.9663, 12.0064, 16.8311

Trichromacy



Original Color

8.0066, 11.9711, 7.1989

Protanomaly

9.5096, 11.7038, 6.6083

Deuteranomaly

9.9874, 11.5047, 7.4886

Tritanomaly

9.1037, 11.9535, 12.6539

Monochromacy



Original Color

8.0066, 11.9711, 7.1989

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

8.5207, 10.3001, 9.1284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.0066, 11.9711, 7.1989 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(56, 108, 67)` looks like.

```
.text, #text, p{  
    color:rgb(56, 108, 67)  
}
```

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(56, 108, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 108, 67) }
```

Border

The CSS property to change the border of an element to XYZ 8.0066, 11.9711, 7.1989 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(56, 108, 67) }
```


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

```
.border{ border-color:rgb(56, 108, 67) }
```

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

Here you see how a box with a 4 pixel rgb(56, 108, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 108, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 108, 67);  
box-shadow:4px 4px 4px 4px rgb(56, 108,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 8.0066, 11.9711, 7.1989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 108, 67) }
```

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

```
.background{ background-color: rgb(56, 108,  
67) }
```

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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