

Converting Colors

XYZ(5.2184, 10.4550, 10.4536)

Have a look what the booklet for
XYZ(5.2184, 10.4550, 10.4536)
contains.

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Color

**XYZ(7.0423, 11.3970,
10.6328)**

Conversions

Conversions Part 1

Format	Color
Hex	006C56
RGB	0, 108, 86
RGB Percent	0%, 42%, 34%
CMY	1.0000, 0.5765, 0.6627
CMYK	1.00, 0.00, 0.20, 0.58
HSL	168°, 100%, 21%
HSV	168°, 100%, 42%
XYZ	7.0423, 11.3970, 10.6328
YIQ	73.2000, -57.3060, -29.7380

Conversions

Conversions Part 2

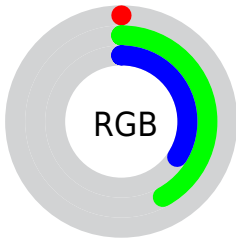
Format	Color
RYB	0, 60, 108
Decimal	27734
CIELab	40.24, -32.41, 4.87
CIELCh	40, 32.778, 171.460
Yxy	11.3970, 0.2422, 0.3920
Android (android.graphics.Color)	4278217814 (0xFF006C56)
YUV	73.2000, 6.3104, -64.1964
Hunter-Lab	33.7594, -21.8435, 4.9578

Details

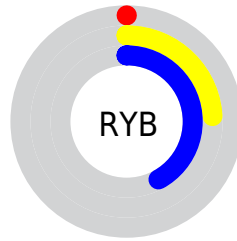
The XYZ color **7.0423, 11.3970, 10.6328** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6.3296, 3.2464, 1.0526**, and the grayscale version is **6.3650, 6.6965, 7.2924**.

A 20% lighter version of the original color is **19.7624, 28.3357, 27.7203**, and **1.9642, 3.2880, 2.6289** is the 20% darker color. If you saturate the color by 10%, you get **7.0424, 11.3973, 10.6326**, and if you desaturate by 10%, it is **7.2681, 11.5033, 11.1136**.

Distribution



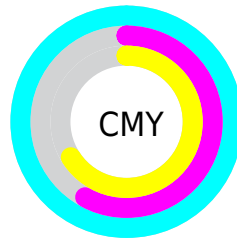
- Red (0%)
- Green (42%)
- Blue (34%)



- Red (0%)
- Yellow (24%)
- Blue (42%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (58%)



- Cyan (100%)
- Magenta (58%)
- Yellow (66%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 7.0423, 11.3970, 10.6328 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 7.0423, 11.3970, 10.6328 by changing the saturation by 10% instead.

7.0423, 11.3970,
10.6328

7.0423, 11.3970,
10.6328

162.5517,
200.3713, 205.7769

3.5351, 6.3345,
5.7094

19.7621, 28.3920,
27.6053

1.4427, 3.0495,
2.6033

29.7055, 41.0933,
40.4916

0.2863, 1.1577,
0.8942

42.5250, 57.1097,
56.8692

0.0000, 0.0267,
0.0000


58.5860, 76.8255,
77.1567


0.0000, 0.0000,
0.0000


78.2538, 100.6252,
101.7727


101.8938,


128.8931, 131.1357

 129.8713,
162.0137, 165.6643


 7.0423, 11.3970,
10.6328


 7.0423, 11.3970,
10.6328


 7.0424, 11.3973,
10.6326

 7.2681, 11.5033,
11.1136

 7.5477, 11.6367,
11.6110

 7.9294, 11.8224,
12.1277

 8.4244, 12.0663,
12.6644

 9.0424, 12.3731,
13.2215

■ 9.7920, 12.7476,
13.7997

■ 10.6812, 13.1936,
14.3993

■ 11.7170, 13.7149,
15.0209

■ 12.9063, 14.3150,
15.6650

Harmonies

Analogous

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



7.7463, 11.3970, 6.1040



7.0423, 11.3970, 10.6328



7.2361, 11.3970, 17.6061

Triad

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



7.0423, 11.3970, 10.6328



12.5209, 11.3970, 28.1922



13.8074, 11.3970, 4.9395

Complementary

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



7.0423, 11.3970, 10.6328



6.3296, 3.2464, 1.0526

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.



15.4581, 11.3970, 8.3514



7.0423, 11.3970, 10.6328



14.6457, 11.3970, 22.0176

Square

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



7.0423, 11.3970, 10.6328



10.1930, 11.3970, 29.4777



15.7848, 11.3970, 14.3736



11.4982, 11.3970, 3.6612

Rectangle

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



7.0423, 11.3970, 10.6328



7.8619, 11.3970, 22.7452



15.7848, 11.3970, 14.3736



14.4705, 11.3970, 5.8031

Sweetspot

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



7.0426, 11.3974, 10.6331



18.6134, 23.0929, 25.1909



5.7256, 10.9125, 1.8048



4.3800, 5.5266, 6.0155



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.



7.0426, 11.3974, 10.6331



12.3214, 19.9920, 18.4447



5.3892, 6.4473, 15.1482



3.1567, 3.4819, 3.8090



8.3900, 13.5901, 12.6307



42.4342, 69.1208, 62.6924

Inverse Universe

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



6.3296, 3.2464, 1.0526



11.0739, 5.6838, 1.6483



6.6644, 4.1479, 0.4496



3.1227, 3.1259, 3.3763



7.5403, 3.8682, 1.2078



38.1594, 19.6057, 4.7762

Previews

White Background



This preview shows how the XYZ color 7.0423, 11.3970, 10.6328 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



This preview shows how the XYZ color 7.0423, 11.3970, 10.6328 looks on a 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 7.0423, 11.3970, 10.6328

Background



This preview shows how black text looks on a background with the XYZ color 7.0423, 11.3970, 10.6328.



This preview shows how white text looks on a background with the XYZ color 7.0423, 11.3970,

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

7.0423, 11.3970, 10.6328

Protanopia

10.6695, 11.2792, 9.0119

Deuteranopia

11.5304, 11.2845, 11.2433



Tritanopia

8.5581, 11.4162, 17.3753

Trichromacy



Original Color

7.0423, 11.3970, 10.6328

Protanomaly

8.0992, 10.6229, 9.6062

Deuteranomaly

8.3926, 10.4639, 11.0286

Tritanomaly

7.8090, 11.2419, 14.5903

Monochromacy



Original Color

7.0423, 11.3970, 10.6328

Achromatopsia

6.3328, 6.6626, 7.2556

Achromatomaly

5.8296, 7.7865, 8.4034

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.0423, 11.3970, 10.6328 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, 108, 86)` looks like.

```
.text, #text, p{  
    color:rgb(0, 108, 86)  
}
```

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, 108, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 108, 86) }
```

Border

The CSS property to change the border of an element to XYZ 7.0423, 11.3970, 10.6328 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, 108, 86) }
```


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

```
.border{ border-color:rgb(0, 108, 86) }
```

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

Here you see how a box with a 4 pixel rgb(0, 108, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 108, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 108, 86);  
box-shadow:4px 4px 4px 4px rgb(0, 108, 86)  
}
```

Background

The CSS property to change the background color of an element to XYZ 7.0423, 11.3970, 10.6328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 108, 86) }
```

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

```
.background{ background-color: rgb(0, 108,  
86) }
```

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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