

Converting Colors

XYZ(7.9027, 11.3137, 10.4504)

Have a look what the booklet for
XYZ(7.9027, 11.3137, 10.4504)
contains.

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Color

**XYZ(7.9102, 11.3874,
10.3754)**

Conversions

Conversions Part 1

Format	Color
Hex	306955
RGB	48, 105, 85
RGB Percent	19%, 41%, 33%
CMY	0.8118, 0.5882, 0.6667
CMYK	0.54, 0.00, 0.19, 0.59
HSL	159°, 37%, 30%
HSV	159°, 54%, 41%
XYZ	7.9102, 11.3874, 10.3754
YIQ	85.6770, -27.5520, -18.3040

Conversions

Conversions Part 2

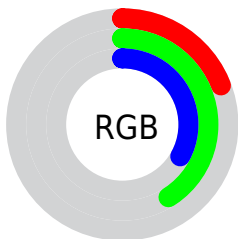
Format	Color
R_{YB}	48, 83, 105
Decimal	3172693
CIE _{Lab}	40.23, -24.05, 5.59
CIE _{LCh}	40, 24.692, 166.916
Yxy	11.3874, 0.2666, 0.3838
Android (android.graphics.Color)	4281362773 (0xFF306955)
YUV	85.6770, -0.3338, -33.0427
Hunter-Lab	33.7452, -17.2120, 5.3922

Details

The XYZ color **7.9102, 11.3874, 10.3754** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7.9264, 5.5348, 6.1199**, and the grayscale version is **8.7821, 9.2395, 10.0618**.

A 20% lighter version of the original color is **21.5757, 28.5159, 27.2886**, and **1.8461, 3.0795, 2.5046** is the 20% darker color. If you saturate the color by 10%, you get **7.3299, 11.1050, 9.6041**, and if you desaturate by 10%, it is **8.6160, 11.7342, 11.1929**.

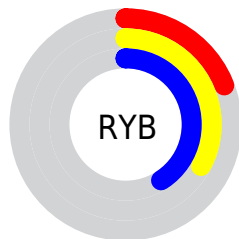
Distribution



Red (19%)

Green (41%)

Blue (33%)



Red (19%)

Yellow (33%)

Blue (41%)

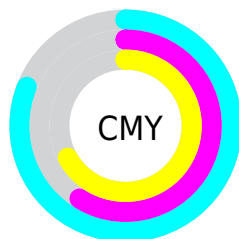


Cyan (54%)

Magenta (0%)

Yellow (19%)

Black (59%)



Cyan (81%)

Magenta (59%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 7.9102, 11.3874, 10.3754 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 7.9102, 11.3874, 10.3754 by changing the saturation by 10% instead.

7.9102, 11.3874,
10.3754

7.9102, 11.3874,
10.3754

169.4112,
200.3064, 203.9120

4.0889, 6.3280,
5.5397

21.4693, 28.3743,
27.1180

1.7525, 3.0456,
2.5031

31.9378, 41.0707,
39.8620

0.4888, 1.1556,
0.8418

45.3527, 57.0815,
56.0792

0.0000, 0.0250,
0.0000

62.0794, 76.7912,
76.1881

0.0000, 0.0000,
0.0000

82.4833, 100.5842,
100.6073

106.9296,

128.8447, 129.7554

135.7838,
161.9574, 164.0507

■ 7.9102, 11.3874,
10.3754

■ 7.9102, 11.3874,
10.3754

■ 7.3299, 11.1050,
9.6041

■ 8.6160, 11.7342,
11.1929

■ 6.8658, 10.8814,
8.8772

■ 9.4542, 12.1480,
12.0567

■ 6.5084, 10.7119,
8.1939

■ 10.4320, 12.6330,
12.9680

■ 6.2407, 10.5878,
7.5527

■ 11.5561, 13.1924,
13.9277

■ 6.1000, 10.5228,
7.2036

■ 12.8326, 13.8294,
14.9366

■ 14.2672, 14.5471,
15.9955

■ 15.8655, 15.3481,
17.1053

■ 17.6325, 16.2351,
18.2666

■ 19.5733, 17.2108,
19.4802

Harmonies

Analogous

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



8.5825, 11.3874, 6.9878



7.9102, 11.3874, 10.3754



7.9568, 11.3874, 15.3652

Triad

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



7.9102, 11.3874, 10.3754



11.8148, 11.3874, 23.8521



13.2441, 11.3874, 6.6866

Complementary

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



7.9102, 11.3874, 10.3754



7.9264, 5.5348, 6.1199

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.



14.3071, 11.3874, 9.8414



7.9102, 11.3874, 10.3754



13.4239, 11.3874, 20.0621

Square

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



7.9102, 11.3874, 10.3754



10.0916, 11.3874, 24.1067



14.3762, 11.3874, 14.6698



11.5897, 11.3874, 5.2706

Rectangle

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



7.9102, 11.3874, 10.3754



8.3880, 11.3874, 19.0050



14.3762, 11.3874, 14.6698



13.6897, 11.3874, 7.5343

Sweetspot

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



7.9105, 11.3879, 10.3757



20.2311, 23.3922, 24.5571



8.0326, 11.5786, 4.6080



4.6697, 5.4450, 5.6942



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.



7.9105, 11.3879, 10.3757



12.8904, 19.7708, 16.8525



8.0808, 10.2722, 14.9219



3.1389, 3.4747, 3.7153



7.7057, 13.3164, 9.0272



38.8413, 67.6836, 43.7729

Inverse Universe

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



7.9264, 5.5348, 6.1199



12.9299, 8.0809, 8.3908



7.7544, 6.0067, 3.5472



3.1395, 3.1327, 3.4652



7.7795, 3.9639, 2.4676



39.2621, 20.0468, 10.5829

Previews

White Background



This preview shows how the XYZ color 7.9102, 11.3874, 10.3754 looks on a white background.

Color Contrast Check

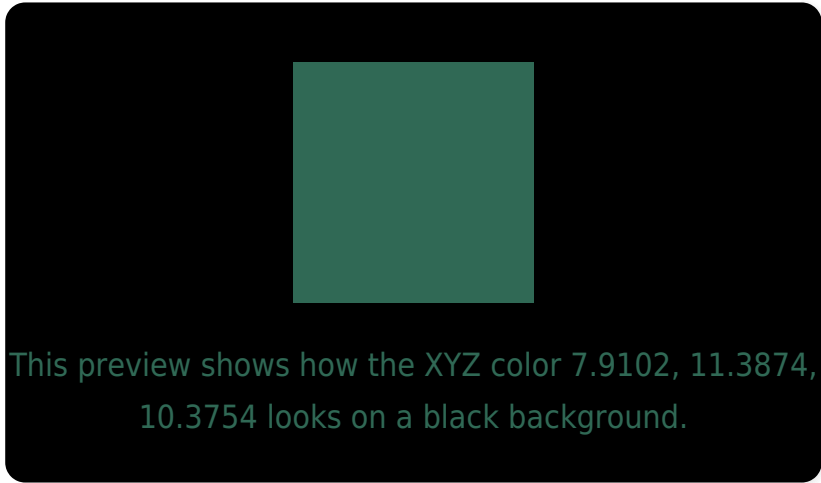
Large Text (above 18pt) WCAG AA ✓ Pass

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 7.9102, 11.3874, 10.3754

Background



This preview shows how black text looks on a background with the XYZ color 7.9102, 11.3874, 10.3754.



This preview shows how white text looks on a background with the XYZ color 7.9102, 11.3874,

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

7.9102, 11.3874, 10.3754

Protanopia

10.5963, 11.2372, 9.1999

Deuteranopia

11.4464, 11.2509, 10.8009



Tritanopia

9.1967, 11.4693, 16.4809

Trichromacy



Original Color

7.9102, 11.3874, 10.3754

Protanomaly

9.1989, 11.0500, 9.6307

Deuteranomaly

9.6495, 10.9852, 10.6286

Tritanomaly

8.6674, 11.3970, 14.0549

Monochromacy



Original Color

7.9102, 11.3874, 10.3754

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

8.2666, 9.8783, 10.2751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.9102, 11.3874, 10.3754 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(48, 105, 85)` looks like.

```
.text, #text, p{  
    color:rgb(48, 105, 85)  
}
```

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(48, 105, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 105, 85) }
```

Border

The CSS property to change the border of an element to XYZ 7.9102, 11.3874, 10.3754 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(48, 105, 85) }
```


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

```
.border{ border-color:rgb(48, 105, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 105, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 105, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 105, 85);  
box-shadow:4px 4px 4px 4px rgb(48, 105,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 7.9102, 11.3874, 10.3754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 105, 85) }
```

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

```
.background{ background-color: rgb(48, 105,  
85) }
```

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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