

Converting Colors

XYZ(1.0686, 1.1235, 2.9031)

Have a look what the booklet for
XYZ(1.0686, 1.1235, 2.9031)
contains.

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Color

XYZ(1.0739, 1.1084, 2.9537)

Conversions

Conversions Part 1

Format	Color
Hex	0A1C30
RGB	10, 28, 48
RGB Percent	4%, 11%, 19%
CMY	0.9608, 0.8902, 0.8118
CMYK	0.79, 0.42, 0.00, 0.81
HSL	212°, 66%, 11%
HSV	212°, 79%, 19%
XYZ	1.0739, 1.1084, 2.9537
YIQ	24.8980, -17.1480, 2.4040

Conversions

Conversions Part 2

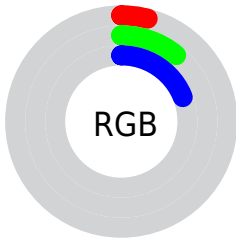
Format	Color
RYB	10, 22, 48
Decimal	662576
CIELab	9.86, 0.71, -15.50
CIELCh	10, 15.518, 272.641
Yxy	1.1084, 0.2091, 0.2158
Android (android.graphics.Color)	4278852656 (0xFF0A1C30)
YUV	24.8980, 11.3893, -13.0655
Hunter-Lab	10.5281, -0.2165, -9.2645

Details

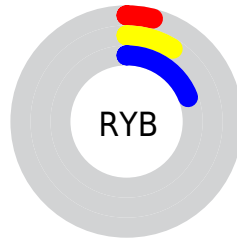
The XYZ color **1.0739, 1.1084, 2.9537** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1.7380, 1.5789, 0.5003**, and the grayscale version is **0.9127, 0.9602, 1.0457**.

A 20% lighter version of the original color is **5.9045, 6.1554, 11.4666**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **0.9564, 0.9626, 2.9318**, and if you desaturate by 10%, it is **1.2050, 1.2687, 2.9778**.

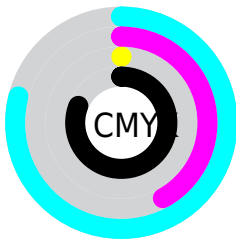
Distribution



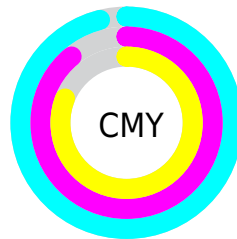
- Red (4%)
- Green (11%)
- Blue (19%)



- Red (4%)
- Yellow (9%)
- Blue (19%)



- Cyan (79%)
- Magenta (42%)
- Yellow (0%)
- Black (81%)



- Cyan (96%)
- Magenta (89%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 1.0739, 1.1084, 2.9537 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 1.0739, 1.1084, 2.9537 by changing the saturation by 10% instead.

■ 1.0739, 1.1084,
2.9537

■ 1.0739, 1.1084,
2.9537

■ 95.1196, 99.6478,
135.7687

■ 0.0031, 0.0000,
1.0710

■ 5.9385, 6.1806,
11.5140

■ 0.0000, 0.0000,
0.0000

■ 10.7106, 11.1690,
19.0287

■ 17.5299, 18.3048,
29.2578

■ 26.7616, 27.9723,
42.6199

■ 38.7710, 40.5559,
59.5335

■ 53.9236, 56.4402,

80.4171

■ 72.5847, 76.0093,
105.6894

■ 1.0739, 1.1084,
2.9537

■ 1.0739, 1.1084,
2.9537

■ 0.9564, 0.9626,
2.9318

■ 1.2050, 1.2687,
2.9778

■ 0.8439, 0.8267,
2.9115

■ 1.3593, 1.4486,
3.0044

■ 0.8347, 0.8158,
2.9098

■ 1.5380, 1.6490,
3.0336

■ 1.7424, 1.8705,
3.0656

■ 1.9735, 2.1140,
3.1004

■ 2.2323, 2.3802,
3.1381

■ 2.5199, 2.6695,
3.1788

■ 2.8370, 2.9828,
3.2226

■ 3.1847, 3.3205,
3.2695

Harmonies

Analogous

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



0.8640, 1.1084, 2.7074



1.0739, 1.1084, 2.9537



1.3091, 1.1084, 2.6091

Triad

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



1.0739, 1.1084, 2.9537



1.4691, 1.1084, 0.6038



0.7014, 1.1084, 0.6904

Complementary

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



1.0739, 1.1084, 2.9537



1.7380, 1.5789, 0.5003

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.



0.8336, 1.1084, 0.2754



1.0739, 1.1084, 2.9537



1.2689, 1.1084, 0.2254

Square

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



1.0739, 1.1084, 2.9537



1.5569, 1.1084, 1.1497



1.0334, 1.1084, 0.1052



0.6595, 1.1084, 1.2658

Rectangle

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



1.0739, 1.1084, 2.9537



1.4433, 1.1084, 2.1442



1.0334, 1.1084, 0.1052



0.7368, 1.1084, 0.5306

Sweetspot

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



1.0739, 1.1084, 2.9537



3.2922, 3.5211, 4.9493



1.4119, 2.2704, 1.5677



0.9348, 1.0000, 1.4126



32.5443, 34.2392, 37.2864



1.2748, 1.3412, 1.4605

Same Dimension

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



1.0739, 1.1084, 2.9537



1.3656, 1.3180, 4.6256



0.7753, 0.4992, 2.8519



0.7382, 0.7814, 0.9199



2.5033, 2.2737, 9.2596



16.8616, 14.2622, 65.6165

Inverse Universe

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



1.5371, 0.9293, 1.1970



2.2121, 1.1617, 1.3764



2.3011, 2.7490, 0.6965



0.7564, 0.7622, 0.8533



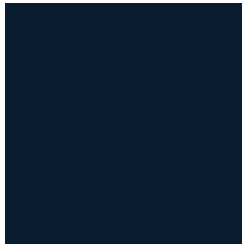
4.3039, 2.1724, 2.2964



30.1615, 15.2749, 13.7890

Previews

White Background



This preview shows how the XYZ color 1.0739, 1.1084, 2.9537 looks on a white background.

Color Contrast Check

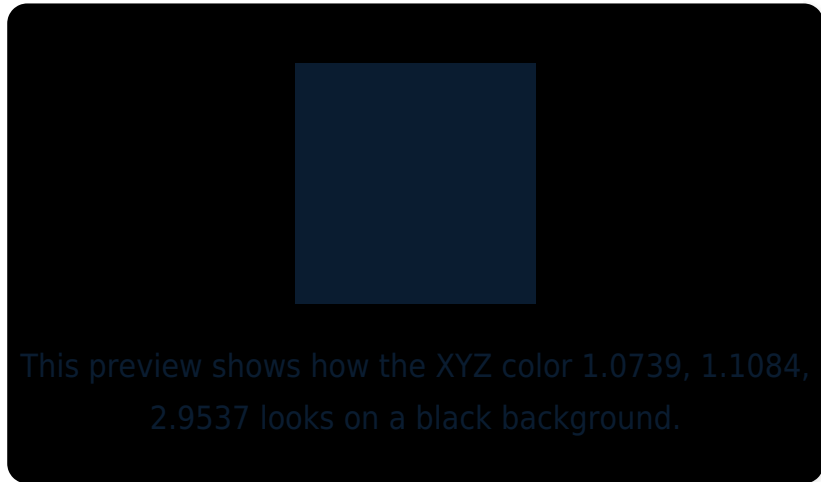
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

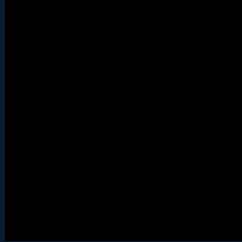
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 1.0739, 1.1084, 2.9537

Background



This preview shows how black text looks on a background with the XYZ color 1.0739, 1.1084, 2.9537.



This preview shows how white text looks on a background with the XYZ color 1.0739, 1.1084, 2.9537.

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

1.0739, 1.1084, 2.9537

Protanopia

1.1736, 1.1275, 2.8451

Deuteranopia

1.0868, 1.1151, 2.9543



Tritanopia

0.7645, 1.0898, 1.6089

Trichromacy



Original Color

1.0739, 1.1084, 2.9537

Protanomaly

1.1187, 1.0993, 2.8425

Deuteranomaly

1.0868, 1.1151, 2.9543

Tritanomaly

0.8642, 1.0943, 1.9994

Monochromacy



Original Color

1.0739, 1.1084, 2.9537

Achromatopsia

0.9240, 0.9721, 1.0586

Achromatomaly

0.9324, 0.9973, 1.5822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 1.0739, 1.1084, 2.9537 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(10, 28, 48)` looks like.

```
.text, #text, p{  
    color:rgb(10, 28, 48)  
}
```

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(10, 28, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 28, 48) }
```

Border

The CSS property to change the border of an element to XYZ 1.0739, 1.1084, 2.9537 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(10, 28, 48) }
```

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

```
.border{ border-color:rgb(10, 28, 48) }
```

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

Here you see how a box with a 4 pixel rgb(10, 28, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 28, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 28, 48);  
box-shadow:4px 4px 4px 4px rgb(10, 28, 48)  
}
```


Background

The CSS property to change the background color of an element to XYZ 1.0739, 1.1084, 2.9537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 28, 48) }
```

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

```
.background{ background-color: rgb(10, 28,  
48) }
```

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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