

Converting Colors

XYZ(10.0404, 11.3420, 15.5988)

Have a look what the booklet for
XYZ(10.0404, 11.3420, 15.5988)
contains.

XYZ(10.0821, 11.3747, 15.5741)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(10.0821, 11.3747,
15.5741)**

Conversions

Conversions Part 1

Format	Color
Hex	4D626B
RGB	77, 98, 107
RGB Percent	30%, 38%, 42%
CMY	0.6980, 0.6157, 0.5804
CMYK	0.28, 0.08, 0.00, 0.58
HSL	198°, 16%, 36%
HSV	198°, 28%, 42%
XYZ	10.0821, 11.3747, 15.5741
YIQ	92.7470, -15.4050, -1.6530

Conversions

Conversions Part 2

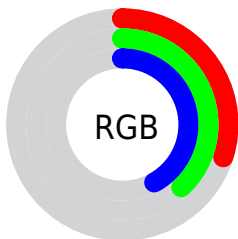
Format	Color
RYB	77, 89, 107
Decimal	5071467
CIELab	40.20, -5.57, -7.69
CIElCh	40, 9.498, 234.066
Yxy	11.3747, 0.2723, 0.3072
Android (android.graphics.Color)	4283261547 (0xFF4D626B)
YUV	92.7470, 7.0267, -13.8101
Hunter-Lab	33.7264, -5.6608, -3.7703

Details

The XYZ color **10.0821, 11.3747, 15.5741** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.7309, 10.3173, 8.4473**, and the grayscale version is **10.3326, 10.8707, 11.8382**.

A 20% lighter version of the original color is **25.6714, 28.4755, 36.4911**, and **2.6087, 3.0735, 4.7307** is the 20% darker color. If you saturate the color by 10%, you get **8.9945, 10.3774, 15.4391**, and if you desaturate by 10%, it is **11.3244, 12.4703, 15.7203**.

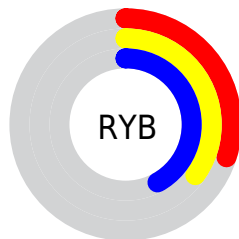
Distribution



Red (30%)

Green (38%)

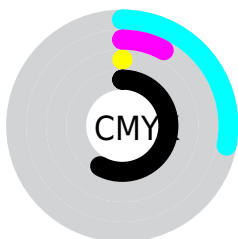
Blue (42%)



Red (30%)

Yellow (35%)

Blue (42%)

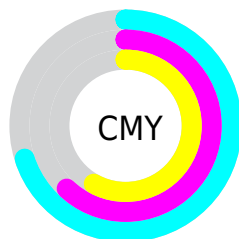


Cyan (28%)

Magenta (8%)

Yellow (0%)

Black (58%)



Cyan (70%)

Magenta (62%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.0821, 11.3747, 15.5741 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 10.0821, 11.3747, 15.5741 by changing the saturation by 10% instead.

■ 10.0821, 11.3747,
15.5741

■ 10.0821, 11.3747,
15.5741

185.2984,
200.2205, 238.5746

■ 5.5161, 6.3195,
9.0722

■ 25.5981, 28.3510,
36.6137

■ 2.5910, 3.0403,
4.6909

■ 37.2788, 41.0408,
51.9884

■ 0.9414, 1.1528,
2.0115

■ 52.0618, 57.0443,
71.1579

■ 0.0000, 0.0226,
0.5623

■ 70.3124, 76.7459,
94.5406

■ 0.0000, 0.0000,
0.0000

■ 92.3960, 100.5299,
122.5550

118.6780,

128.7807, 155.6198

149.5237,
161.8828, 194.1535

■ 10.0821, 11.3747,
15.5741

■ 10.0821, 11.3747,
15.5741

■ 8.9945, 10.3774,
15.4391

■ 11.3244, 12.4703,
15.7203

■ 8.0537, 9.4731,
15.3142

■ 12.7272, 13.6663,
15.8772

■ 7.2522, 8.6581,
15.1991

■ 14.2968, 14.9666,
16.0455

■ 6.5816, 7.9279,
15.0935

■ 16.0392, 16.3746,
16.2254

■ 6.0327, 7.2774,
14.9969

■ 17.9599, 17.8931,
16.4173

■ 5.5945, 6.7008,
14.9087

■ 20.0643, 19.5252,
16.6214

■ 5.2327, 6.1801,
14.8272

■ 22.3575, 21.2736,
16.8380

■ 5.1635, 6.0808,
14.8117

■ 24.8442, 23.1411,
17.0674

■ 27.5293, 25.1302,
17.3098

Harmonies

Analogous

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



9.6913, 11.3747, 13.9304



10.0821, 11.3747, 15.5741



10.6804, 11.3747, 16.3720

Triad

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



10.0821, 11.3747, 15.5741



12.1261, 11.3747, 12.7654



10.3010, 11.3747, 9.3486

Complementary

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



10.0821, 11.3747, 15.5741



10.7309, 10.3173, 8.4473

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.



10.9433, 11.3747, 9.1045



10.0821, 11.3747, 15.5741



12.0145, 11.3747, 10.9586

Square

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



10.0821, 11.3747, 15.5741



11.8740, 11.3747, 14.6476



11.5749, 11.3747, 9.6642



9.8140, 11.3747, 10.3685

Rectangle

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



10.0821, 11.3747, 15.5741



11.1233, 11.3747, 16.2643



11.5749, 11.3747, 9.6642



10.5052, 11.3747, 9.1777

Sweetspot

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



10.0824, 11.3752, 15.5744



22.7391, 24.4288, 28.4245



9.9781, 12.7573, 10.6356



5.4256, 5.8469, 6.8714



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.



10.0824, 11.3752, 15.5744



16.6764, 19.1134, 27.7180



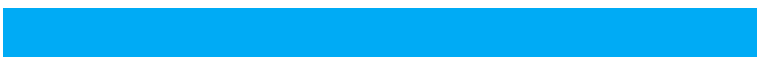
8.8463, 8.9029, 15.1623



3.1090, 3.3462, 3.9169



6.2545, 7.3433, 18.0100



31.0838, 35.8461, 91.5069

Inverse Universe

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



10.9222, 9.3157, 12.7782



18.4961, 14.8547, 21.6129



12.0085, 12.8724, 8.8731



3.1808, 3.1492, 3.6824



8.9039, 4.4137, 8.3882



44.9724, 22.3309, 40.6531

Previews

White Background



This preview shows how the XYZ color 10.0821, 11.3747, 15.5741 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 10.0821, 11.3747, 15.5741 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

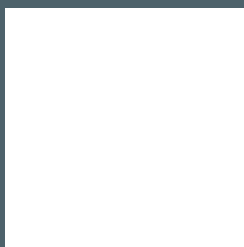
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.0821, 11.3747, 15.5741

Background



This preview shows how black text looks on a background with the XYZ color 10.0821, 11.3747, 15.5741.



This preview shows how white text looks on a background with the XYZ color 10.0821, 11.3747,

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

10.0821, 11.3747, 15.5741

Protanopia

11.0156, 11.3320, 14.7034

Deuteranopia

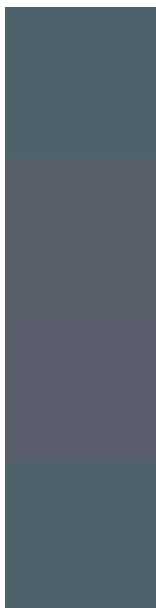
11.4637, 11.2784, 15.7601



Tritanopia

10.0298, 11.3538, 15.2985

Trichromacy



Original Color

10.0821, 11.3747, 15.5741

Protanomaly

10.5725, 11.2306, 14.9751

Deuteranomaly

10.9259, 11.2618, 15.7852

Tritanomaly

10.0298, 11.3538, 15.2985

Monochromacy



Original Color

10.0821, 11.3747, 15.5741

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.2273, 11.0925, 13.1573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.0821, 11.3747, 15.5741 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(77, 98, 107)` looks like.

```
.text, #text, p{  
    color:rgb(77, 98, 107)  
}
```

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(77, 98, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 98, 107) }
```

Border

The CSS property to change the border of an element to XYZ 10.0821, 11.3747, 15.5741 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(77, 98, 107) }
```


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

```
.border{ border-color:rgb(77, 98, 107) }
```

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

Here you see how a box with a 4 pixel rgb(77, 98, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 98, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 98, 107);  
box-shadow:4px 4px 4px 4px rgb(77, 98,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 10.0821, 11.3747, 15.5741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 98, 107) }
```

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

```
.background{ background-color: rgb(77, 98,  
107) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor