

Converting Colors

XYZ(9.7674, 10.6184, 15.4054)

Have a look what the booklet for
XYZ(9.7674, 10.6184, 15.4054)
contains.

XYZ(9.7984, 10.6866, 15.4562)	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(9.7984, 10.6866,
15.4562)**

Conversions

Conversions Part 1

Format	Color
Hex	4E5E6B
RGB	78, 94, 107
RGB Percent	31%, 37%, 42%
CMY	0.6941, 0.6314, 0.5804
CMYK	0.27, 0.12, 0.00, 0.58
HSL	207°, 16%, 36%
HSV	207°, 27%, 42%
XYZ	9.7984, 10.6866, 15.4562
YIQ	90.6980, -13.7090, 0.6510

Conversions

Conversions Part 2

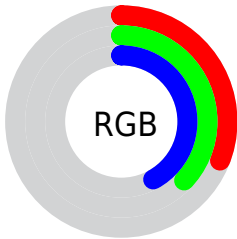
Format	Color
R_{YB}	78, 88, 107
Decimal	5135979
CIE _{Lab}	39.05, -2.83, -9.42
CIE _{LCh}	39, 9.836, 253.290
Yxy	10.6866, 0.2726, 0.2973
Android (android.graphics.Color)	4283326059 (0xFF4E5E6B)
YUV	90.6980, 8.0369, -11.1361
Hunter-Lab	32.6904, -3.7057, -5.1494

Details

The XYZ color **9.7984, 10.6866, 15.4562** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.1798, 11.1581, 8.7725**, and the grayscale version is **9.8603, 10.3738, 11.2970**.

A 20% lighter version of the original color is **25.0469, 27.0043, 36.2400**, and **2.4682, 2.7472, 4.6751** is the 20% darker color. If you saturate the color by 10%, you get **8.5788, 9.4445, 15.2809**, and if you desaturate by 10%, it is **11.1878, 12.0561, 15.6475**.

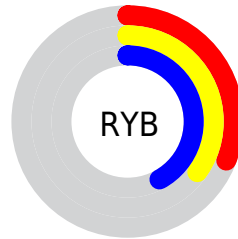
Distribution



Red (31%)

Green (37%)

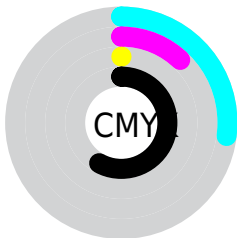
Blue (42%)



Red (31%)

Yellow (35%)

Blue (42%)

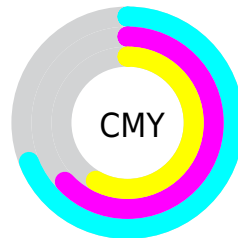


Cyan (27%)

Magenta (12%)

Yellow (0%)

Black (58%)



Cyan (69%)

Magenta (63%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.7984, 10.6866, 15.4562 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 9.7984, 10.6866, 15.4562 by changing the saturation by 10% instead.

■ 9.7984, 10.6866,
15.4562

■ 9.7984, 10.6866,
15.4562

183.3110,
195.5046, 237.8463

■ 5.3267, 5.8565,
8.9900

■ 25.0687, 27.0792,
36.4051

■ 2.4769, 2.7580,
4.6379

■ 36.5981, 39.4104,
51.7249

■ 0.8836, 1.0067,
1.9814

■ 51.2108, 55.0109,
70.8329

■ 0.0000, 0.0000,
0.5438

■ 69.2721, 74.2649,
94.1478

■ 0.0000, 0.0000,
0.0000

■ 91.1475, 97.5569,
122.0880

117.2021,

125.2712, 155.0721

147.8015,
157.7924, 193.5187

■ 9.7984, 10.6866,
15.4562

■ 9.7984, 10.6866,
15.4562

■ 8.5788, 9.4445,
15.2809

■ 11.1878, 12.0561,
15.6475

■ 7.5208, 8.3241,
15.1204

■ 12.7530, 13.5560,
15.8545

■ 6.6165, 7.3209,
14.9744

■ 14.5008, 15.1908,
16.0779

■ 5.8575, 6.4297,
14.8424

■ 16.4372, 16.9642,
16.3182

■ 5.2340, 5.6448,
14.7238

■ 18.5683, 18.8799,
16.5756

■ 4.7351, 4.9597,
14.6178

■ 20.8995, 20.9414,
16.8507

■ 4.3311, 4.3583,
14.5231

■ 23.4361, 23.1521,
17.1437

■ 4.2198, 4.1934,
14.4971

■ 26.1834, 25.5153,
17.4550

■ 29.1463, 28.0341,
17.7850

Harmonies

Analogous

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



9.2653, 10.6866, 14.2970



9.7984, 10.6866, 15.4562



10.4505, 10.6866, 15.5238

Triad

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



9.7984, 10.6866, 15.4562



11.4369, 10.6866, 10.8239



9.3155, 10.6866, 9.1962

Complementary

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



9.7984, 10.6866, 15.4562



11.1798, 11.1581, 8.7725

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.



9.8697, 10.6866, 8.4582



9.7984, 10.6866, 15.4562



11.1048, 10.6866, 9.3273

Square

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



9.7984, 10.6866, 15.4562



11.4158, 10.6866, 12.7074



10.5248, 10.6866, 8.5035



8.9948, 10.6866, 10.6264

Rectangle

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



9.7984, 10.6866, 15.4562



10.8665, 10.6866, 14.9295



10.5248, 10.6866, 8.5035



9.4796, 10.6866, 8.8662

Sweetspot

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



9.7987, 10.6870, 15.4564



22.5047, 23.9599, 28.3463



10.2695, 12.8832, 11.7455



5.3607, 5.7172, 6.8498



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.



9.7987, 10.6870, 15.4564



16.0218, 17.5928, 27.4590



8.6597, 8.4090, 15.0768



3.0738, 3.2760, 3.9052



5.1029, 5.0400, 17.6261



25.1246, 23.9277, 89.5205

Inverse Universe

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



10.8084, 9.3830, 11.8315



18.2173, 14.9409, 19.5356



12.4971, 13.7928, 9.2116



3.1631, 3.1421, 3.5891



8.3226, 4.1811, 5.3271



41.9645, 21.1277, 24.8136

Previews

White Background



This preview shows how the XYZ color 9.7984, 10.6866, 15.4562 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 9.7984, 10.6866, 15.4562 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

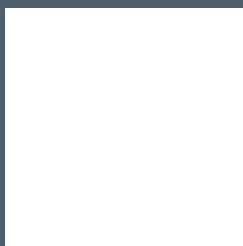
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 9.7984, 10.6866, 15.4562

Background



This preview shows how black text looks on a background with the XYZ color 9.7984, 10.6866, 15.4562.



This preview shows how white text looks on a background with the XYZ color 9.7984, 10.6866,

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

9.7984, 10.6866, 15.4562

Protanopia

10.4107, 10.6259, 14.8669

Deuteranopia

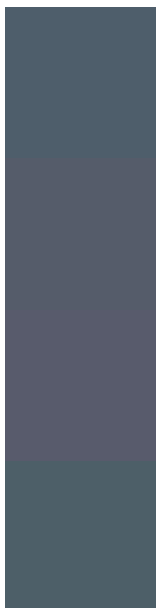
10.8771, 10.7222, 15.6837



Tritanopia

9.5510, 10.7215, 14.1364

Trichromacy



Original Color

9.7984, 10.6866, 15.4562

Protanomaly

10.1750, 10.6262, 15.1505

Deuteranomaly

10.4724, 10.6396, 15.6891

Tritanomaly

9.6515, 10.7617, 14.6652

Monochromacy



Original Color

9.7984, 10.6866, 15.4562

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

9.8226, 10.4958, 12.8174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.7984, 10.6866, 15.4562 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(78, 94, 107)` looks like.

```
.text, #text, p{  
    color:rgb(78, 94, 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(78, 94, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 94, 107) }
```

Border

The CSS property to change the border of an element to XYZ 9.7984, 10.6866, 15.4562 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(78, 94, 107) }
```


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

```
.border{ border-color:rgb(78, 94, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 94, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 94, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 94, 107);  
box-shadow:4px 4px 4px 4px rgb(78, 94,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 9.7984, 10.6866, 15.4562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 94, 107) }
```

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

```
.background{ background-color: rgb(78, 94,  
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