

Converting Colors

XYZ(9.2787, 10.8345, 14.9668)

Have a look what the booklet for
XYZ(9.2787, 10.8345, 14.9668)
contains.

XYZ(9.2787, 10.8345, 14.9668)	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(9.2787, 10.8345,
14.9668)**

Conversions

Conversions Part 1

Format	Color
Hex	456169
RGB	69, 97, 105
RGB Percent	27%, 38%, 41%
CMY	0.7294, 0.6196, 0.5882
CMYK	0.34, 0.08, 0.00, 0.59
HSL	193°, 21%, 34%
HSV	193°, 34%, 41%
XYZ	9.2787, 10.8345, 14.9668
YIQ	89.5400, -19.2560, -3.4480

Conversions

Conversions Part 2

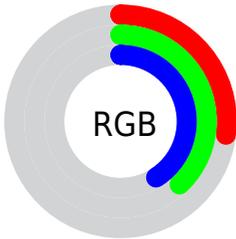
Format	Color
R_{YB}	69, 85, 105
Decimal	4546921
CIE _{Lab}	39.30, -8.14, -7.87
CIE _{LCh}	39, 11.323, 224.048
Yxy	10.8345, 0.2645, 0.3089
Android (android.graphics.Color)	4282737001 (0xFF456169)
YUV	89.5400, 7.6218, -18.0136
Hunter-Lab	32.9158, -7.2849, -3.9181

Details

The XYZ color **9.2787, 10.8345, 14.9668** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **9.5538, 8.7407, 6.8140**, and the grayscale version is **9.6022, 10.1023, 11.0014**.

A 20% lighter version of the original color is **24.1984, 27.5020, 35.4855**, and **2.2784, 2.8437, 4.4318** is the 20% darker color. If you saturate the color by 10%, you get **8.3865, 10.0595, 14.8644**, and if you desaturate by 10%, it is **10.3098, 11.6910, 15.0780**.

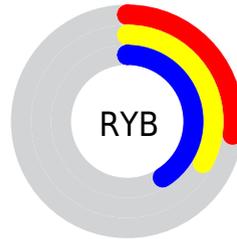
Distribution



Red (27%)

Green (38%)

Blue (41%)



Red (27%)

Yellow (33%)

Blue (41%)

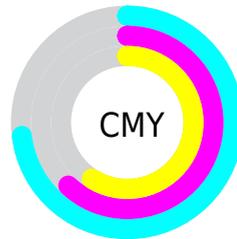


Cyan (34%)

Magenta (8%)

Yellow (0%)

Black (59%)



Cyan (73%)

Magenta (62%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.2787, 10.8345, 14.9668 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 9.2787, 10.8345, 14.9668 by changing the saturation by 10% instead.

■ 9.2787, 10.8345,
14.9668

■ 9.2787, 10.8345,
14.9668

179.6070,
196.5286, 234.7990

■ 4.9820, 5.9557,
8.6497

■ 24.0918, 27.3537,
35.5364

■ 2.2713, 2.8181,
4.4197

■ 35.3390, 39.7629,
50.6260

■ 0.7799, 1.0375,
1.8583

■ 49.6336, 55.4510,
69.4769

■ 0.0000, 0.0000,
0.4660

■ 67.3411, 74.8023,
92.5076

■ 0.0000, 0.0000,
0.0000

■ 88.8269, 98.2014,
120.1366

114.4562,

126.0325, 152.7825

144.5944,
158.6801, 190.8638

■ 9.2787, 10.8345,
14.9668

■ 9.2787, 10.8345,
14.9668

■ 8.3865, 10.0595,
14.8644

■ 10.3098, 11.6910,
15.0780

■ 7.6251, 9.3610,
14.7697

■ 11.4852, 12.6312,
15.1975

■ 6.9873, 8.7354,
14.6826

■ 12.8114, 13.6587,
15.3259

■ 6.4645, 8.1783,
14.6026

■ 14.2941, 14.7765,
15.4635

■ 6.0473, 7.6847,
14.5293

■ 15.9386, 15.9875,
15.6106

■ 5.7185, 7.2458,
14.4619

■ 17.7502, 17.2944,
15.7674

■ 5.5424, 7.0050,
14.4247

■ 19.7337, 18.6998,
15.9341

■ 21.8939, 20.2063,
16.1110

■ 24.2353, 21.8161,
16.2983

Harmonies

Analogous

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



8.9389, 10.8345, 12.8467



9.2787, 10.8345, 14.9668



9.8998, 10.8345, 16.3168

Triad

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



9.2787, 10.8345, 14.9668



11.7743, 10.8345, 12.9901



9.9458, 10.8345, 8.1715

Complementary

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



9.2787, 10.8345, 14.9668



9.5538, 8.7407, 6.8140

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.



10.7065, 10.8345, 8.1999



9.2787, 10.8345, 14.9668



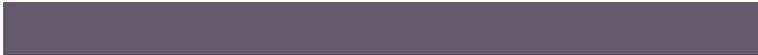
11.7881, 10.8345, 10.8059

Square

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



9.2787, 10.8345, 14.9668



11.3522, 10.8345, 15.0829



11.3891, 10.8345, 9.1096



9.3109, 10.8345, 9.0267

Rectangle

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



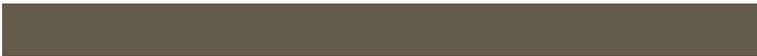
9.2787, 10.8345, 14.9668



10.4018, 10.8345, 16.5054



11.3891, 10.8345, 9.1096



10.1946, 10.8345, 8.0817

Sweetspot

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



9.2790, 10.8349, 14.9671



21.4817, 23.3340, 27.3027



8.8385, 11.9015, 8.8158



4.9767, 5.4229, 6.3903



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.



9.2790, 10.8349, 14.9671



15.3333, 18.2931, 26.6538



7.8147, 7.9062, 14.4789



3.1276, 3.3835, 3.9231



6.9900, 8.8142, 18.2552



34.9530, 43.5845, 92.7966

Inverse Universe

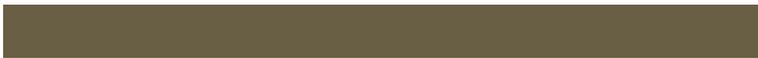
The Inverse Universe completely reimagines the original color for something new.



10.1117, 8.1228, 12.3446



17.1038, 12.7834, 21.0203



10.9743, 11.5815, 7.2875



3.1902, 3.1530, 3.7319



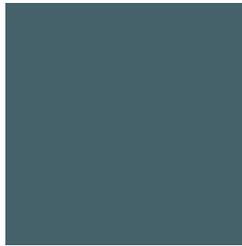
9.2751, 4.5622, 10.3430



46.9254, 23.1121, 50.9374

Previews

White Background



This preview shows how the XYZ color 9.2787, 10.8345, 14.9668 looks on a white background.

Color Contrast Check

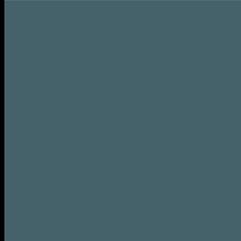
Large Text (above 18pt) WCAG AA ✓ Pass

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 9.2787, 10.8345, 14.9668 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

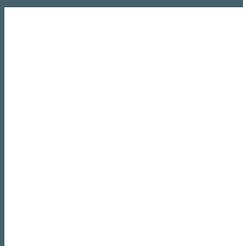
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 9.2787, 10.8345, 14.9668

Background



This preview shows how black text looks on a background with the XYZ color 9.2787, 10.8345, 14.9668.



This preview shows how white text looks on a background with the XYZ color 9.2787, 10.8345,

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

9.2787, 10.8345, 14.9668

Protanopia

10.5398, 10.8377, 14.1068

Deuteranopia

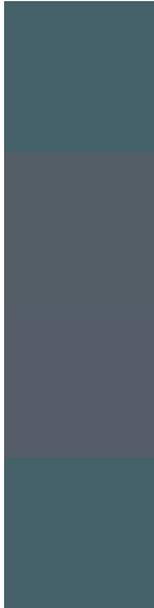
10.9770, 10.7858, 15.1390



Tritanopia

9.2787, 10.8345, 14.9668

Trichromacy



Original Color

9.2787, 10.8345, 14.9668

Protanomaly

10.0182, 10.8237, 14.3931

Deuteranomaly

10.3536, 10.8477, 15.1838

Tritanomaly

9.2787, 10.8345, 14.9668

Monochromacy



Original Color

9.2787, 10.8345, 14.9668

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

9.4596, 10.4488, 12.3447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.2787, 10.8345, 14.9668 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(69, 97, 105) looks like.

```
.text, #text, p{  
    color:rgb(69, 97, 105)  
}
```

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(69, 97, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 97, 105) }
```

Border

The CSS property to change the border of an element to XYZ 9.2787, 10.8345, 14.9668 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(69, 97, 105) }
```


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

```
.border{ border-color:rgb(69, 97, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 97, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 97, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 97, 105);  
box-shadow:4px 4px 4px 4px rgb(69, 97,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 9.2787, 10.8345, 14.9668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 97, 105) }
```

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

```
.background{ background-color: rgb(69, 97,  
105) }
```

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