

Converting Colors

XYZ(11.3243, 12.4288, 14.3761)

Have a look what the booklet for
XYZ(11.3243, 12.4288, 14.3761)
contains.

XYZ(11.3663, 12.4908, 14.3823)	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(11.3663, 12.4908,
14.3823)**

Conversions

Conversions Part 1	
Format	Color
Hex	5B6566
RGB	91, 101, 102
RGB Percent	36%, 40%, 40%
CMY	0.6431, 0.6039, 0.6000
CMYK	0.11, 0.01, 0.00, 0.60
HSL	185°, 6%, 38%
HSV	185°, 11%, 40%
XYZ	11.3663, 12.4908, 14.3823
YIQ	98.1240, -6.2810, -1.8090

Conversions

Conversions Part 2

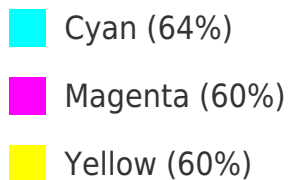
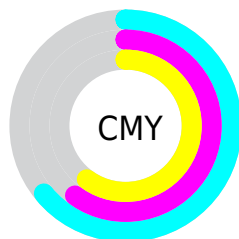
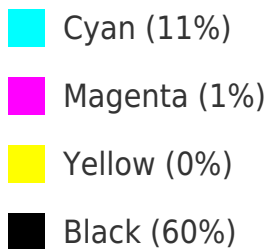
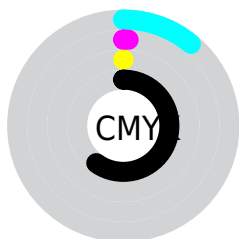
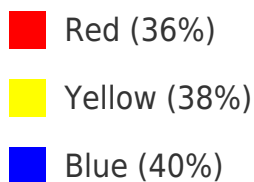
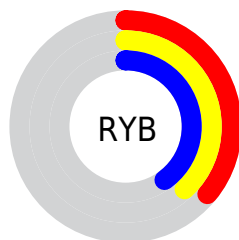
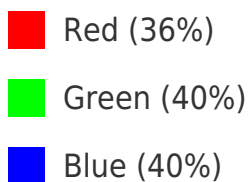
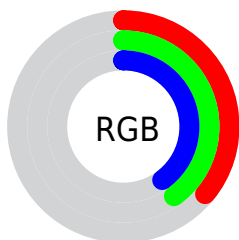
Format	Color
RYB	91, 96, 102
Decimal	5989734
CIELab	41.99, -3.60, -1.88
CIELCh	42, 4.063, 207.571
Yxy	12.4908, 0.2972, 0.3266
Android (android.graphics.Color)	4284179814 (0xFF5B6566)
YUV	98.1240, 1.9109, -6.2477
Hunter-Lab	35.3423, -4.4424, 0.6120

Details

The XYZ color **11.3663, 12.4908, 14.3823** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.1950, 11.2343, 11.4760**, and the grayscale version is **11.6371, 12.2431, 13.3328**.

A 20% lighter version of the original color is **27.9625, 30.4191, 34.5347**, and **3.0909, 3.4721, 4.1217** is the 20% darker color. If you saturate the color by 10%, you get **10.3391, 11.8289, 14.3089**, and if you desaturate by 10%, it is **12.5319, 13.2263, 14.4630**.

Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 11.3663, 12.4908, 14.3823 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 11.3663, 12.4908, 14.3823 by changing the saturation by 10% instead.


 11.3663, 12.4908,
14.3823


 11.3663, 12.4908,
14.3823


194.0205,
207.6280, 231.1069


 6.3829, 7.0789,
8.2453


 27.9625, 30.3859,
34.4927


 3.1221, 3.5115,
4.1623

 40.3061, 43.6378,
49.3031


 1.2187, 1.4042,
1.7148

 55.8337, 60.2719,
67.8417

 0.1210, 0.2198,
0.3708

 74.9108, 80.6725,
90.5271

 0.0000, 0.0000,
0.0000

 97.9026, 105.2240,
117.7778

125.1746,

134.3108, 150.0122

157.0921,
168.3174, 187.6491

■ 11.3663, 12.4908,
14.3823

■ 11.3663, 12.4908,
14.3823

■ 10.3391, 11.8289,
14.3089

■ 12.5319, 13.2263,
14.4630

■ 9.4438, 11.2361,
14.2416

■ 13.8401, 14.0364,
14.5504

■ 8.6748, 10.7100,
14.1806

■ 15.2961, 14.9242,
14.6451

■ 8.0260, 10.2473,
14.1255

■ 16.9046, 15.8921,
14.7471

■ 7.4904, 9.8445,
14.0760

■ 18.6699, 16.9425,
14.8568

7.0605, 9.4976,
14.0317

20.5965, 18.0775,
14.9743

6.7280, 9.2024,
13.9922

22.6884, 19.2992,
15.0999

6.4828, 8.9537,
13.9572

24.9496, 20.6098,
15.2337

6.2901, 8.7429,
13.9266

27.3839, 22.0111,
15.3759

Harmonies

Analogous

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



11.3031, 12.4908, 13.5302



11.3663, 12.4908, 14.3823



11.5644, 12.4908, 15.0484

Triad

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



11.3663, 12.4908, 14.3823



12.3675, 12.4908, 14.5090



11.8967, 12.4908, 12.0102

Complementary

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



11.3663, 12.4908, 14.3823



11.1950, 11.2343, 11.4760

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.



12.1853, 12.4908, 12.2483



11.3663, 12.4908, 14.3823



12.4600, 12.4908, 13.6707

Square

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



11.3663, 12.4908, 14.3823



12.1421, 12.4908, 15.1237



12.3928, 12.4908, 12.8473



11.6062, 12.4908, 12.1829

Rectangle

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



11.3663, 12.4908, 14.3823



11.7480, 12.4908, 15.2846



12.3928, 12.4908, 12.8473



11.9972, 12.4908, 12.0446

Sweetspot

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



11.3667, 12.4913, 14.3826



21.4857, 22.8874, 25.3310



10.9940, 12.4983, 11.9392



5.0355, 5.3785, 5.9735



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



11.3667, 12.4913, 14.3826



19.4450, 21.5940, 25.1889



10.8578, 11.4735, 14.2129



2.8835, 3.1449, 3.5870



8.0642, 11.2002, 17.8812



41.7266, 57.7498, 93.1490

Inverse Universe

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



11.5698, 11.2467, 13.8736



19.8811, 18.9379, 24.0928



11.6813, 12.2069, 11.6381



2.9257, 2.8849, 3.4814



9.5531, 4.6342, 13.5770



49.6568, 24.1027, 69.9272

Previews

White Background



This preview shows how the XYZ color 11.3663, 12.4908, 14.3823 looks on a white background.

Color Contrast Check

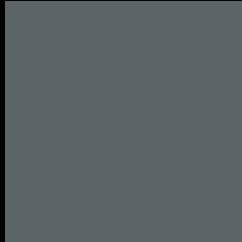
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.3663, 12.4908, 14.3823 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

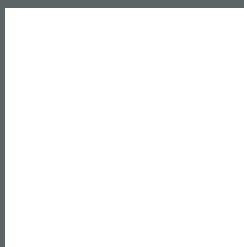
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.3663, 12.4908, 14.3823

Background



This preview shows how black text looks on a background with the XYZ color 11.3663, 12.4908, 14.3823.



This preview shows how white text looks on a background with the XYZ color 11.3663, 12.4908,

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

11.3663, 12.4908, 14.3823

Protanopia

11.9235, 12.3648, 13.8148

Deuteranopia

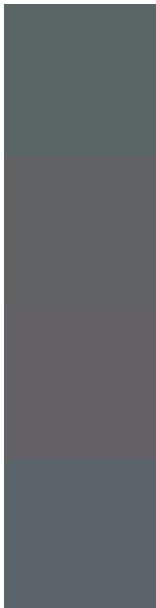
12.6945, 12.4708, 14.5700



Tritanopia

11.6776, 12.4724, 15.9793

Trichromacy



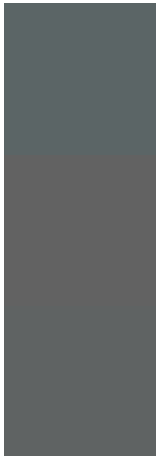
Original Color
11.3663, 12.4908, 14.3823

Protanomaly
11.7406, 12.4047, 14.0875

Deuteranomaly
12.1827, 12.4813, 14.5990

Tritanomaly
11.5723, 12.4303, 15.4250

Monochromacy



Original Color
11.3663, 12.4908, 14.3823

Achromatopsia
11.6093, 12.2139, 13.3009

Achromatomaly
11.4333, 12.2574, 13.5677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3663, 12.4908, 14.3823 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(91, 101, 102) looks like.

```
.text, #text, p{  
    color:rgb(91, 101, 102)  
}
```

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(91, 101, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 101, 102) }
```

Border

The CSS property to change the border of an element to XYZ 11.3663, 12.4908, 14.3823 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(91, 101, 102) }
```


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

```
.border{ border-color:rgb(91, 101, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 101, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 101, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 101, 102);  
box-shadow:4px 4px 4px 4px rgb(91, 101,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3663, 12.4908, 14.3823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(91, 101, 102) }
```

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

```
.background{ background-color:rgb(91, 101,  
102) }
```

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