

Converting Colors

XYZ(11.3402, 12.4104, 11.4879)

Have a look what the booklet for
XYZ(11.3402, 12.4104, 11.4879)
contains.

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Color

**XYZ(11.3324, 12.3939,
11.4678)**

Conversions

Conversions Part 1

Format	Color
Hex	61645A
RGB	97, 100, 90
RGB Percent	38%, 39%, 35%
CMY	0.6196, 0.6078, 0.6471
CMYK	0.03, 0.00, 0.10, 0.61
HSL	78°, 5%, 37%
HSV	78°, 10%, 39%
XYZ	11.3324, 12.3939, 11.4678
YIQ	97.9630, 1.4220, -3.7460

Conversions

Conversions Part 2

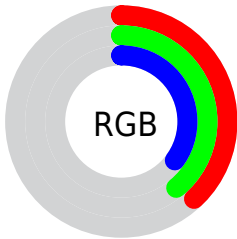
Format	Color
RYB	90, 100, 93
Decimal	6382682
CIELab	41.84, -3.20, 5.27
CIELCh	42, 6.161, 121.274
Yxy	12.3939, 0.3220, 0.3522
Android (android.graphics.Color)	4284572762 (0xFF61645A)
YUV	97.9630, -3.9258, -0.8446
Hunter-Lab	35.2050, -4.1500, 5.3301

Details

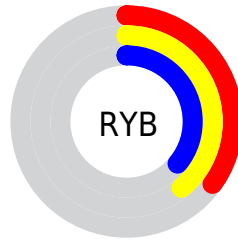
The XYZ color **11.3324, 12.3939, 11.4678** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.4710, 10.5599, 13.5436**, and the grayscale version is **11.6097, 12.2143, 13.3014**.

A 20% lighter version of the original color is **28.0130, 30.3226, 29.1873**, and **3.0930, 3.4319, 2.8823** is the 20% darker color. If you saturate the color by 10%, you get **10.6214, 12.0737, 9.3601**, and if you desaturate by 10%, it is **12.1135, 12.7444, 13.8783**.

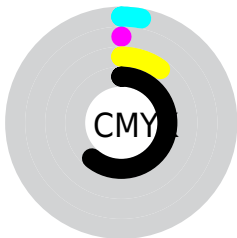
Distribution



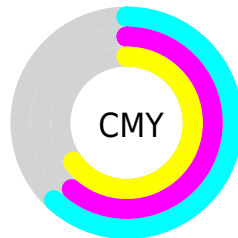
- Red (38%)
- Green (39%)
- Blue (35%)



- Red (35%)
- Yellow (39%)
- Blue (36%)



- Cyan (3%)
- Magenta (0%)
- Yellow (10%)
- Black (61%)



- Cyan (62%)
- Magenta (61%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3324, 12.3939, 11.4678 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 11.3324, 12.3939, 11.4678 by changing the saturation by 10% instead.

■ 11.3324, 12.3939,
11.4678

■ 11.3324, 12.3939,
11.4678

193.7956,
206.9958, 211.7007

■ 6.3598, 7.0125,
6.2643

■ 27.9007, 30.2105,
29.1718

■ 3.1078, 3.4699,
2.9351

■ 40.2272, 43.4145,
42.5093

■ 1.2110, 1.3817,
1.0616

■ 55.7357, 59.9949,
59.3953

■ 0.1150, 0.2032,
0.0000

■ 74.7915, 80.3361,
80.2483

■ 0.0000, 0.0000,
0.0000

97.7601, 104.8223,
105.4868

125.0067,

133.8381, 135.5293

156.8968,
167.7678, 170.7945

■ 11.3324, 12.3939,
11.4678

■ 11.3324, 12.3939,
11.4678

■ 10.6214, 12.0737,
9.3601

■ 12.1135, 12.7444,
13.8783

■ 9.9771, 11.7811,
7.5425

■ 12.9658, 13.1244,
16.6021

■ 9.3972, 11.5156,
6.0024

■ 13.8921, 13.5354,
19.6501

■ 8.8790, 11.2762,
4.7261

■ 14.8942, 13.9781,
23.0327

■ 8.4196, 11.0616,
3.6988

■ 15.9742, 14.4535,
26.7595

■ 8.0156, 10.8705,
2.9040

■ 17.1339, 14.9623,
30.8400

■ 7.6635, 10.7015,
2.3235

■ 18.3753, 15.5052,
35.2831

■ 7.3591, 10.5528,
1.9362

■ 19.7000, 16.0829,
40.0975

■ 7.0825, 10.4165,
1.6373

■ 21.1099, 16.6962,
45.2916

Harmonies

Analogous

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



11.7606, 12.3939, 11.1453



11.3324, 12.3939, 11.4678



11.0306, 12.3939, 12.3279

Triad

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



11.3324, 12.3939, 11.4678



11.3652, 12.3939, 15.8094



12.6750, 12.3939, 13.4393

Complementary

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



11.3324, 12.3939, 11.4678



10.4710, 10.5599, 13.5436

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.



12.5627, 12.3939, 14.7332



11.3324, 12.3939, 11.4678



11.7995, 12.3939, 16.1533

Square

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



11.3324, 12.3939, 11.4678



11.0492, 12.3939, 14.8355



12.2393, 12.3939, 15.7477



12.5424, 12.3939, 12.2375

Rectangle

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



11.3324, 12.3939, 11.4678



10.9376, 12.3939, 13.1189



12.2393, 12.3939, 15.7477



12.6646, 12.3939, 13.8779

Sweetspot

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



11.3327, 12.3944, 11.4681



20.7997, 22.1464, 22.9674



11.0157, 11.2766, 11.2690



5.0947, 5.4388, 5.5794



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.



11.3327, 12.3944, 11.4681



19.5629, 21.5912, 19.1889



10.8166, 12.1284, 11.4439



2.9644, 3.2288, 3.0414



9.4369, 13.9236, 2.1901



48.3061, 72.1487, 11.3801

Inverse Universe

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



10.4710, 10.5599, 13.5436



17.7254, 17.6791, 23.6149



10.9938, 10.8294, 13.5681



2.7629, 2.7998, 3.5268



3.7544, 1.5796, 16.2514



18.7899, 7.8308, 84.7226

Previews

White Background



This preview shows how the XYZ color 11.3324, 12.3939, 11.4678 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 11.3324, 12.3939, 11.4678 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

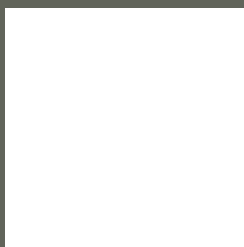
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.3324, 12.3939, 11.4678

Background



This preview shows how black text looks on a background with the XYZ color 11.3324, 12.3939, 11.4678.



This preview shows how white text looks on a background with the XYZ color 11.3324, 12.3939,

11.4678.

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

11.3324, 12.3939, 11.4678

Protanopia

11.7644, 12.3402, 11.2130

Deuteranopia

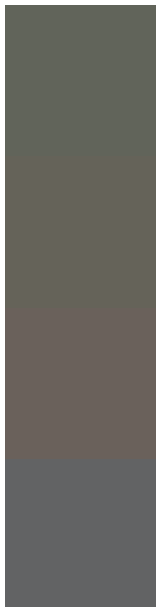
12.5361, 12.3193, 11.6147



Tritanopia

12.0631, 12.4079, 15.1238

Trichromacy



Original Color

11.3324, 12.3939, 11.4678

Protanomaly

11.6318, 12.4117, 11.2338

Deuteranomaly

12.1069, 12.3689, 11.6469

Tritanomaly

11.7991, 12.4405, 13.8360

Monochromacy



Original Color

11.3324, 12.3939, 11.4678

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.5644, 12.3466, 12.6001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3324, 12.3939, 11.4678 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(97, 100, 90) looks like.

```
.text, #text, p{  
    color:rgb(97, 100, 90)  
}
```

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(97, 100, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 100, 90) }
```

Border

The CSS property to change the border of an element to XYZ 11.3324, 12.3939, 11.4678 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(97, 100, 90) }
```


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

```
.border{ border-color:rgb(97, 100, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 100, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 100, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 100, 90);  
box-shadow:4px 4px 4px 4px rgb(97, 100,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3324, 12.3939, 11.4678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 100, 90) }
```

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

```
.background{ background-color: rgb(97, 100,  
90) }
```

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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