

Converting Colors

XYZ(12.0797, 13.7071, 13.8878)

Have a look what the booklet for
XYZ(12.0797, 13.7071, 13.8878)
contains.

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Color

**XYZ(12.1259, 13.7959,
13.8282)**

Conversions

Conversions Part 1

Format	Color
Hex	5E6B63
RGB	94, 107, 99
RGB Percent	37%, 42%, 39%
CMY	0.6314, 0.5804, 0.6118
CMYK	0.12, 0.00, 0.07, 0.58
HSL	143°, 6%, 39%
HSV	143°, 12%, 42%
XYZ	12.1259, 13.7959, 13.8282
YIQ	102.2010, -5.1800, -5.2440

Conversions

Conversions Part 2

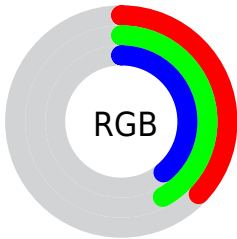
Format	Color
R_{YB}	94, 103, 107
Decimal	6187875
CIE Lab	43.94, -6.65, 2.81
CIE LCh	44, 7.220, 157.078
Yxy	13.7959, 0.3051, 0.3471
Android (android.graphics.Color)	4284377955 (0xFF5E6B63)
YUV	102.2010, -1.5781, -7.1923
Hunter-Lab	37.1428, -6.7256, 3.9264

Details

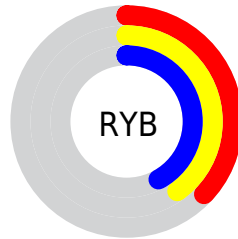
The XYZ color **12.1259, 13.7959, 13.8282** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.4648, 12.0908, 14.2477**, and the grayscale version is **12.6871, 13.3479, 14.5358**.

A 20% lighter version of the original color is **29.2335, 32.5850, 33.6029**, and **3.4774, 4.1171, 3.9796** is the 20% darker color. If you saturate the color by 10%, you get **10.8018, 13.1486, 12.1895**, and if you desaturate by 10%, it is **13.6286, 14.5331, 15.6099**.

Distribution



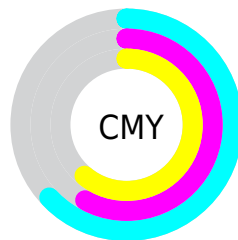
- Red (37%)
- Green (42%)
- Blue (39%)



- Red (37%)
- Yellow (40%)
- Blue (42%)



- Cyan (12%)
- Magenta (0%)
- Yellow (7%)
- Black (58%)



- Cyan (63%)
- Magenta (58%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.1259, 13.7959, 13.8282 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 12.1259, 13.7959, 13.8282 by changing the saturation by 10% instead.

■ 12.1259, 13.7959,
13.8282

■ 12.1259, 13.7959,
13.8282

198.9899,
215.9574, 227.5506

■ 6.9023, 7.9788,
7.8639

■ 29.3391, 32.7264,
33.4966

■ 3.4469, 4.0814,
3.9215

■ 42.0593, 46.6087,
48.0378

■ 1.3942, 1.7192,
1.5824

■ 58.0092, 63.9482,
66.2750

■ 0.2521, 0.4360,
0.2782

■ 77.5540, 85.1293,
88.6268

■ 0.0000, 0.0000,
0.0000

101.0592,
110.5363, 115.5117

128.8899,

140.5538, 147.3483

161.4118,
175.5660, 184.5551

■ 12.1259, 13.7959,
13.8282

■ 12.1259, 13.7959,
13.8282

■ 10.8018, 13.1486,
12.1895

■ 13.6286, 14.5331,
15.6099

■ 9.6483, 12.5860,
10.6893

■ 15.3152, 15.3617,
17.5371

■ 8.6585, 12.1049,
9.3243

■ 17.1922, 16.2853,
19.6133

■ 7.8247, 11.7015,
8.0908

■ 19.2655, 17.3069,
21.8416

■ 7.1382, 11.3713,
6.9847

■ 21.5406, 18.4294,
24.2252

■ 6.5897, 11.1098,
6.0019

■ 24.0228, 19.6553,
26.7669

■ 6.1689, 10.9115,
5.1378

■ 26.7174, 20.9874,
29.4697

■ 5.8626, 10.7699,
4.3879

■ 29.6293, 22.4281,
32.3364

■ 5.6609, 10.6771,
3.8743

■ 32.7633, 23.9799,
35.3697

Harmonies

Analogous

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



12.4609, 13.7959, 12.6469



12.1259, 13.7959, 13.8282



12.0516, 13.7959, 15.4127

Triad

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



12.1259, 13.7959, 13.8282



13.2485, 13.7959, 18.3675



14.0094, 13.7959, 13.2020

Complementary

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



12.1259, 13.7959, 13.8282



12.4648, 12.0908, 14.2477

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.



14.2341, 13.7959, 14.6368



12.1259, 13.7959, 13.8282



13.7866, 13.7959, 17.6759

Square

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



12.1259, 13.7959, 13.8282



12.6891, 13.7959, 18.1118



14.1514, 13.7959, 16.2813



13.5454, 13.7959, 12.3042

Rectangle

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



12.1259, 13.7959, 13.8282



12.1579, 13.7959, 16.5006



14.1514, 13.7959, 16.2813



14.1160, 13.7959, 13.6333

Sweetspot

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



12.1263, 13.7965, 13.8285



23.8493, 25.7507, 27.3042



12.7599, 14.1499, 12.6485



5.7313, 6.2126, 6.5604



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.



12.1263, 13.7965, 13.8285



20.9022, 24.3065, 23.7725



12.4489, 13.9255, 15.5276



3.1077, 3.4623, 3.5510



6.8721, 12.9829, 4.6378



34.6190, 65.9947, 21.5383

Inverse Universe

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



12.4648, 12.0908, 14.2477



21.6553, 20.5118, 24.7047



12.1556, 11.9671, 12.6194



3.1706, 3.1451, 3.6289



8.5523, 4.2730, 6.5370



43.1441, 21.5996, 31.0251

Previews

White Background



This preview shows how the XYZ color 12.1259, 13.7959, 13.8282 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 12.1259, 13.7959, 13.8282 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

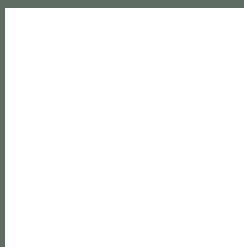
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 12.1259, 13.7959, 13.8282

Background



This preview shows how black text looks on a background with the XYZ color 12.1259, 13.7959, 13.8282.



This preview shows how white text looks on a background with the XYZ color 12.1259, 13.7959,

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

12.1259, 13.7959, 13.8282

Protanopia

13.0713, 13.6894, 13.2626

Deuteranopia

13.9277, 13.6793, 13.9629



Tritanopia

12.8561, 13.7822, 17.6054

Trichromacy



Original Color

12.1259, 13.7959, 13.8282

Protanomaly

12.6344, 13.6073, 13.5158

Deuteranomaly

13.2139, 13.7464, 14.0135

Tritanomaly

12.5801, 13.8237, 16.1925

Monochromacy



Original Color

12.1259, 13.7959, 13.8282

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

12.4449, 13.4929, 14.2604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.1259, 13.7959, 13.8282 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(94, 107, 99) looks like.

```
.text, #text, p{  
    color:rgb(94, 107, 99)  
}
```

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(94, 107, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 107, 99) }
```

Border

The CSS property to change the border of an element to XYZ 12.1259, 13.7959, 13.8282 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(94, 107, 99) }
```


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

```
.border{ border-color:rgb(94, 107, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 107, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 107, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 107, 99);  
box-shadow:4px 4px 4px 4px rgb(94, 107,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 12.1259, 13.7959, 13.8282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 107, 99) }
```

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

```
.background{ background-color: rgb(94, 107,  
99) }
```

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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