

Converting Colors

XYZ(12.5896, 14.4533, 14.6971)

Have a look what the booklet for
XYZ(12.5896, 14.4533, 14.6971)
contains.

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Color

**XYZ(12.5903, 14.4909,
14.7038)**

Conversions

Conversions Part 1

Format	Color
Hex	5E6E66
RGB	94, 110, 102
RGB Percent	37%, 43%, 40%
CMY	0.6314, 0.5686, 0.6000
CMYK	0.15, 0.00, 0.07, 0.57
HSL	150°, 8%, 40%
HSV	150°, 15%, 43%
XYZ	12.5903, 14.4909, 14.7038
YIQ	104.3040, -6.9680, -5.8800

Conversions

Conversions Part 2

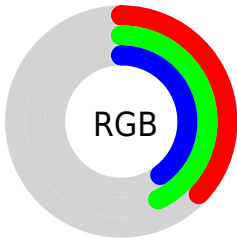
Format	Color
R_{YB}	94, 105, 110
Decimal	6188646
CIE _{Lab}	44.93, -7.74, 2.44
CIE _{LCh}	45, 8.120, 162.508
Yxy	14.4909, 0.3013, 0.3468
Android (android.graphics.Color)	4284378726 (0xFF5E6E66)
YUV	104.3040, -1.1359, -9.0366
Hunter-Lab	38.0669, -7.5798, 3.7454




Details

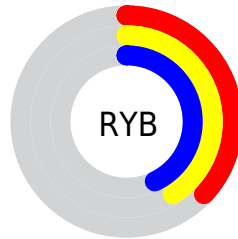
The XYZ color **12.5903, 14.4909, 14.7038** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.8319, 12.2801, 14.2650**, and the grayscale version is **13.2442, 13.9340, 15.1741**.




A 20% lighter version of the original color is **30.1717, 34.0699, 35.1229**, and **3.6311, 4.3495, 4.2626** is the 20% darker color. If you saturate the color by 10%, you get **11.2780, 13.8453, 13.2654**, and if you desaturate by 10%, it is **14.0824, 15.2279, 16.2457**.

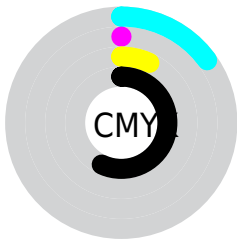
Distribution







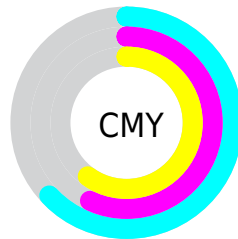
-  Red (37%)
-  Green (43%)
-  Blue (40%)






-  Red (37%)
-  Yellow (41%)
-  Blue (43%)



-  Cyan (15%)
-  Magenta (0%)
-  Yellow (7%)
-  Black (57%)



-  Cyan (63%)
-  Magenta (57%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.5903, 14.4909, 14.7038 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 12.5903, 14.4909, 14.7038 by changing the saturation by 10% instead.

■ 12.5903, 14.4909,
14.7038

■ 12.5903, 14.4909,
14.7038

201.9661,
220.2637, 233.1450

■ 7.2221, 8.4629,
8.4675

■ 30.1734, 33.9576,
35.0676

■ 3.6489, 4.3925,
4.3035

■ 43.1189, 48.1650,
50.0322

■ 1.5055, 1.8955,
1.7933

■ 59.3210, 65.8677,
68.7433

■ 0.3296, 0.5457,
0.4235

■ 79.1449, 87.4500,
91.6194

■ 0.0000, 0.0000,
0.0000

102.9560,
113.2964, 119.0791

131.1197,

143.7912, 151.5409

164.0013,
179.3188, 189.4234

■ 12.5903, 14.4909,
14.7038

■ 12.5903, 14.4909,
14.7038

■ 11.2780, 13.8453,
13.2654

■ 14.0824, 15.2279,
16.2457

■ 10.1370, 13.2855,
11.9274

■ 15.7596, 16.0579,
17.8923

■ 9.1603, 12.8084,
10.6880

■ 17.6289, 16.9846,
19.6459

■ 8.3395, 12.4097,
9.5448

■ 19.6961, 18.0112,
21.5085

■ 7.6657, 12.0849,
8.4953

■ 21.9671, 19.1407,
23.4819

■ 7.1292, 11.8290,
7.5371

■ 24.4475, 20.3757,
25.5681

■ 6.7185, 11.6361,
6.6674

■ 27.1424, 21.7191,
27.7687

■ 6.4149, 11.4966,
5.8832

■ 30.0572, 23.1734,
30.0857

■ 6.2657, 11.4283,
5.4894

■ 33.1966, 24.7412,
32.5207

Harmonies

Analogous

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



12.9279, 14.4909, 13.2318



12.5903, 14.4909, 14.7038



12.5632, 14.4909, 16.5839

Triad

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



12.5903, 14.4909, 14.7038



14.0517, 14.4909, 19.6263



14.7365, 14.4909, 13.4328

Complementary

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



12.5903, 14.4909, 14.7038



12.8319, 12.2801, 14.2650

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.



15.0584, 14.4909, 14.9989



12.5903, 14.4909, 14.7038



14.6545, 14.4909, 18.6318

Square

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



12.5903, 14.4909, 14.7038



13.3927, 14.4909, 19.5312



15.0279, 14.4909, 16.9035



14.1607, 14.4909, 12.5395

Rectangle

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



12.5903, 14.4909, 14.7038



12.7237, 14.4909, 17.8272



15.0279, 14.4909, 16.9035



14.8788, 14.4909, 13.8924

Sweetspot

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



12.5907, 14.4915, 14.7041



24.8529, 26.8025, 28.6527



13.1066, 14.8011, 12.7559



5.7442, 6.2177, 6.6282



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.



12.5907, 14.4915, 14.7041



21.4088, 25.1028, 25.0693



12.9925, 14.6522, 16.8200



3.4081, 3.7884, 3.9554



7.5119, 13.7223, 6.5164



36.9846, 68.1825, 30.1677

Inverse Universe

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



12.8319, 12.2801, 14.2650



21.9074, 20.5320, 24.1617



12.4659, 12.1337, 12.3377



3.4476, 3.4267, 3.8836



8.5388, 4.3079, 4.6470



42.0998, 21.2852, 20.8555

Previews

White Background



This preview shows how the XYZ color 12.5903, 14.4909, 14.7038 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 12.5903, 14.4909, 14.7038 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

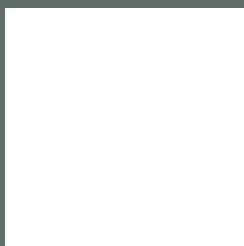
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 12.5903, 14.4909, 14.7038

Background



This preview shows how black text looks on a background with the XYZ color 12.5903, 14.4909, 14.7038.

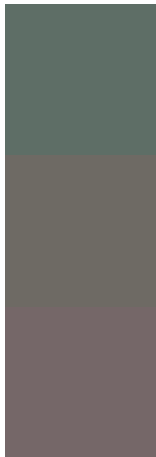


This preview shows how white text looks on a background with the XYZ color 12.5903, 14.4909,

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

12.5903, 14.4909, 14.7038

Protanopia

13.8847, 14.5432, 14.1319

Deuteranopia

14.6851, 14.4819, 15.1180



Tritanopia

13.4447, 14.5275, 18.6185

Trichromacy



Original Color

12.5903, 14.4909, 14.7038

Protanomaly

13.3156, 14.3980, 14.3892

Deuteranomaly

13.9089, 14.5386, 14.9051

Tritanomaly

13.1618, 14.5718, 17.1579

Monochromacy



Original Color

12.5903, 14.4909, 14.7038

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

12.8577, 13.9967, 14.8559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.5903, 14.4909, 14.7038 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, 110, 102) looks like.

```
.text, #text, p{  
    color:rgb(94, 110, 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(94, 110, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 110, 102) }
```

Border

The CSS property to change the border of an element to XYZ 12.5903, 14.4909, 14.7038 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, 110, 102) }
```


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

```
.border{ border-color:rgb(94, 110, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 110, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 110, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 110, 102);  
box-shadow:4px 4px 4px 4px rgb(94, 110,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 12.5903, 14.4909, 14.7038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 110, 102) }
```

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

```
.background{ background-color: rgb(94, 110,  
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](#).

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