

Converting Colors

XYZ(12.5143, 12.1105, 14.5099)

Have a look what the booklet for
XYZ(12.5143, 12.1105, 14.5099)
contains.

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Color

**XYZ(12.5143, 12.1105,
14.5099)**

Conversions

Conversions Part 1

Format	Color
Hex	6B5E67
RGB	107, 94, 103
RGB Percent	42%, 37%, 40%
CMY	0.5804, 0.6314, 0.5961
CMYK	0.00, 0.12, 0.04, 0.58
HSL	318°, 6%, 39%
HSV	318°, 12%, 42%
XYZ	12.5143, 12.1105, 14.5099
YIQ	98.9130, 4.8590, 5.5550

Conversions

Conversions Part 2

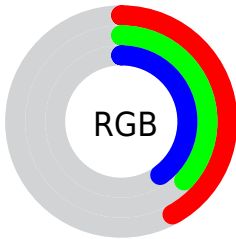
Format	Color
R_{YB}	107, 94, 103
Decimal	7036519
CIE _{Lab}	41.39, 6.99, -3.21
CIE _{LCh}	41, 7.690, 335.363
Yxy	12.1105, 0.3198, 0.3095
Android (android.graphics.Color)	4285226599 (0xFF6B5E67)
YUV	98.9130, 2.0149, 7.0923
Hunter-Lab	34.8001, 3.2892, -0.3608

Details

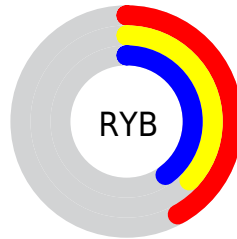
The XYZ color **12.5143, 12.1105, 14.5099** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.0789, 13.7773, 13.5787**, and the grayscale version is **11.8324, 12.4486, 13.5565**.

A 20% lighter version of the original color is **29.9065, 29.5487, 34.6991**, and **3.6342, 3.3601, 4.1984** is the 20% darker color. If you saturate the color by 10%, you get **11.4661, 10.2732, 13.3611**, and if you desaturate by 10%, it is **13.7017, 14.2153, 15.7375**.

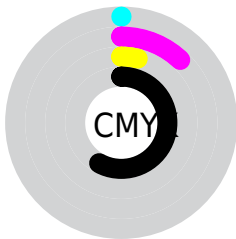
Distribution



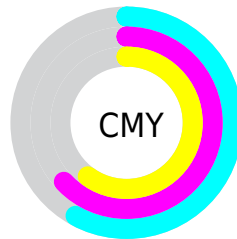
- Red (42%)
- Green (37%)
- Blue (40%)



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



- Cyan (0%)
- Magenta (12%)
- Yellow (4%)
- Black (58%)



- Cyan (58%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.5143, 12.1105, 14.5099 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 12.5143, 12.1105, 14.5099 by changing the saturation by 10% instead.

■ 12.5143, 12.1105,
14.5099

■ 12.5143, 12.1105,
14.5099

201.4821,
205.1355, 231.9180

■ 7.1696, 6.8190,
8.3334

■ 30.0372, 29.6962,
34.7211

■ 3.6157, 3.3491,
4.2182

■ 42.9461, 42.7592,
49.5929

■ 1.4871, 1.3166,
1.7458

■ 59.1072, 59.1814,
68.2002

■ 0.3170, 0.1540,
0.3918

■ 78.8858, 79.3473,
90.9615

■ 0.0000, 0.0000,
0.0000

102.6472,
103.6413, 118.2954

130.7568,

132.4477, 150.6204

163.5800,
166.1510, 188.3551

■ 12.5143, 12.1105,
14.5099

■ 12.5143, 12.1105,
14.5099

■ 11.4661, 10.2732,
13.3611

■ 13.7017, 14.2153,
15.7375

■ 10.5505, 8.6911,
12.2881

■ 15.0323, 16.5962,
17.0452

■ 9.7620, 7.3530,
11.2889

■ 16.5114, 19.2635,
18.4353

■ 9.0943, 6.2465,
10.3609

■ 18.1436, 22.2262,
19.9095

■ 8.5407, 5.3581,
9.5016

■ 19.9334, 25.4932,
21.4699

8.0935, 4.6727,
8.7081

21.8851, 29.0730,
23.1180

7.7442, 4.1735,
7.9770

24.0027, 32.9735,
24.8557

7.4821, 3.8392,
7.3044

26.2902, 37.2026,
26.6845

7.3019, 3.6212,
6.8051

28.7514, 41.7678,
28.6060

Harmonies

Analogous

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



12.1432, 12.1105, 15.8558



12.5143, 12.1105, 14.5099



12.6129, 12.1105, 12.9010

Triad

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



12.5143, 12.1105, 14.5099



11.4106, 12.1105, 10.3560



10.6572, 12.1105, 15.0469

Complementary

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



12.5143, 12.1105, 14.5099



12.0789, 13.7773, 13.5787

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.



10.4746, 12.1105, 13.4757



12.5143, 12.1105, 14.5099



10.9005, 12.1105, 10.8346

Square

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



12.5143, 12.1105, 14.5099



11.9640, 12.1105, 10.5844



10.5622, 12.1105, 11.9457



11.0689, 12.1105, 16.1830

Rectangle

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



12.5143, 12.1105, 14.5099



12.5082, 12.1105, 11.9127



10.5622, 12.1105, 11.9457



10.5676, 12.1105, 14.5476

Sweetspot

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



12.5147, 12.1110, 14.5102



24.0967, 24.6750, 27.7367



11.6833, 11.6587, 15.5447



5.7999, 5.9145, 6.6803



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.



12.5147, 12.1110, 14.5102



21.7670, 20.5565, 25.2928



12.2056, 11.9874, 12.8828



3.1799, 3.1488, 3.6774



8.8692, 4.3998, 8.2057



44.7912, 22.2584, 39.6987

Inverse Universe

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



12.5147, 12.1110, 14.5102



21.7670, 20.5565, 25.2928



12.3933, 13.9030, 15.2341



3.1799, 3.1488, 3.6774



8.8692, 4.3998, 8.2057



44.7912, 22.2584, 39.6987

Previews

White Background



This preview shows how the XYZ color 12.5143, 12.1105, 14.5099 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 12.5143, 12.1105, 14.5099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

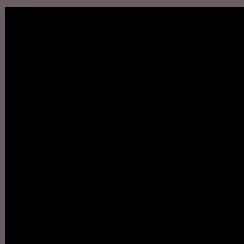
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 12.5143, 12.1105, 14.5099

Background



This preview shows how black text looks on a background with the XYZ color 12.5143, 12.1105, 14.5099.



This preview shows how white text looks on a background with the XYZ color 12.5143, 12.1105,

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

12.5143, 12.1105, 14.5099

Protanopia

11.7543, 12.1107, 15.0827

Deuteranopia

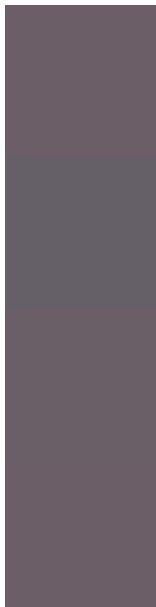
12.3661, 12.1669, 14.5287



Tritanopia

12.4644, 12.0905, 14.2471

Trichromacy



Original Color

12.5143, 12.1105, 14.5099

Protanomaly

12.0484, 12.1319, 14.8034

Deuteranomaly

12.4842, 12.2279, 14.5342

Tritanomaly

12.4644, 12.0905, 14.2471

Monochromacy



Original Color

12.5143, 12.1105, 14.5099

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.0544, 12.2943, 13.7943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.5143, 12.1105, 14.5099 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(107, 94, 103)` looks like.

```
.text, #text, p{  
    color:rgb(107, 94, 103)  
}
```

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(107, 94, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 94, 103) }
```

Border

The CSS property to change the border of an element to XYZ 12.5143, 12.1105, 14.5099 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(107, 94, 103) }
```


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

```
.border{ border-color:rgb(107, 94, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 94, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 94, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 94, 103);  
box-shadow:4px 4px 4px 4px rgb(107, 94,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 12.5143, 12.1105, 14.5099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 94, 103) }
```

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

```
.background{ background-color: rgb(107, 94,  
103) }
```

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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