

Converting Colors

XYZ(10.3489, 12.1206, 10.2865)

Have a look what the booklet for
XYZ(10.3489, 12.1206, 10.2865)
contains.

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Color

**XYZ(10.3179, 12.0379,
10.3741)**

Conversions

Conversions Part 1

Format	Color
Hex	586555
RGB	88, 101, 85
RGB Percent	35%, 40%, 33%
CMY	0.6549, 0.6039, 0.6667
CMYK	0.13, 0.00, 0.16, 0.60
HSL	109°, 9%, 36%
HSV	109°, 16%, 40%
XYZ	10.3179, 12.0379, 10.3741
YIQ	95.2890, -2.6120, -7.7320

Conversions

Conversions Part 2

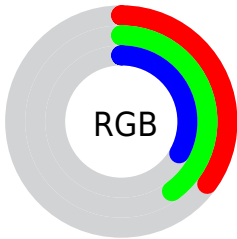
Format	Color
R_{YB}	85, 101, 98
Decimal	5793109
CIE _{Lab}	41.28, -8.36, 7.41
CIE _{LCh}	41, 11.170, 138.474
Yxy	12.0379, 0.3152, 0.3678
Android (android.graphics.Color)	4283983189 (0xFF586555)
YUV	95.2890, -5.0725, -6.3925
Hunter-Lab	34.6957, -7.6346, 6.5591

Details

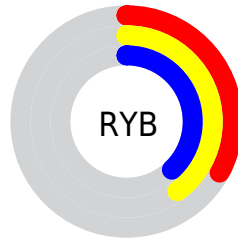
The XYZ color **10.3179, 12.0379, 10.3741** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.6349, 10.0336, 13.6886**, and the grayscale version is **10.9591, 11.5298, 12.5559**.

A 20% lighter version of the original color is **26.0826, 29.6090, 27.2621**, and **2.6570, 3.2838, 2.5013** is the 20% darker color. If you saturate the color by 10%, you get **9.2114, 11.5110, 8.3752**, and if you desaturate by 10%, it is **11.5698, 12.6339, 12.6794**.

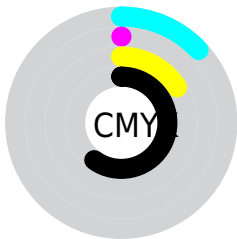
Distribution



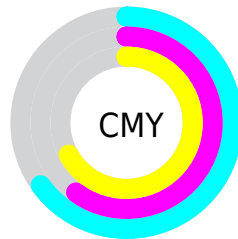
- Red (35%)
- Green (40%)
- Blue (33%)



- Red (33%)
- Yellow (40%)
- Blue (38%)



- Cyan (13%)
- Magenta (0%)
- Yellow (16%)
- Black (60%)



- Cyan (65%)
- Magenta (60%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.3179, 12.0379, 10.3741 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 10.3179, 12.0379, 10.3741 by changing the saturation by 10% instead.

■ 10.3179, 12.0379,
10.3741

■ 10.3179, 12.0379,
10.3741

186.9328,
204.6560, 203.9025

■ 5.6741, 6.7695,
5.5389

■ 26.0360, 29.5641,
27.1155

■ 2.6867, 3.3184,
2.5026

■ 37.8411, 42.5907,
39.8588

■ 0.9903, 1.3001,
0.8415

■ 52.7640, 58.9722,
56.0752

■ 0.0000, 0.1413,
0.0000

■ 71.1700, 79.0929,
76.1832

■ 0.0000, 0.0000,
0.0000

■ 93.4245, 103.3372,
100.6014

119.8929,

132.0896, 129.7483

150.9405,
165.7344, 164.0425

■ 10.3179, 12.0379,
10.3741

■ 10.3179, 12.0379,
10.3741

■ 9.2114, 11.5110,
8.3752

■ 11.5698, 12.6339,
12.6794

■ 8.2441, 11.0490,
6.6690

■ 12.9712, 13.2997,
15.3024

■ 7.4107, 10.6501,
5.2420

■ 14.5271, 14.0381,
18.2548

■ 6.7050, 10.3113,
4.0794

■ 16.2422, 14.8512,
21.5474

■ 6.1207, 10.0298,
3.1648

■ 18.1208, 15.7410,
25.1907

■ 5.6507, 9.8021,
2.4803

■ 20.1672, 16.7094,
29.1945

■ 5.2870, 9.6247,
2.0053

■ 22.3853, 17.7584,
33.5684

■ 5.0155, 9.4915,
1.6883

■ 24.7792, 18.8897,
38.3216

■ 4.9212, 9.4456,
1.5638

■ 27.3525, 20.1052,
43.4630

Harmonies

Analogous

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



10.9566, 12.0379, 9.3250



10.3179, 12.0379, 10.3741



9.9864, 12.0379, 12.2384

Triad

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



10.3179, 12.0379, 10.3741



11.1341, 12.0379, 17.9662



12.9788, 12.0379, 11.7477

Complementary

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



10.3179, 12.0379, 10.3741



10.6349, 10.0336, 13.6886

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.



13.0319, 12.0379, 14.0162



10.3179, 12.0379, 10.3741



11.9409, 12.0379, 17.7946

Square

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



10.3179, 12.0379, 10.3741



10.4426, 12.0379, 16.7271



12.6442, 12.0379, 16.2826



12.5025, 12.0379, 10.0514

Rectangle

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



10.3179, 12.0379, 10.3741



9.9733, 12.0379, 13.7737



12.6442, 12.0379, 16.2826



13.0475, 12.0379, 12.4626

Sweetspot

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



10.3182, 12.0384, 10.3744



20.0222, 21.7648, 22.0648



11.3560, 12.1210, 10.3356



4.8984, 5.3419, 5.3768



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.



10.3182, 12.0384, 10.3744



16.9837, 20.3188, 16.4833



10.2373, 11.9739, 11.4002



2.8407, 3.1650, 3.0356



6.4226, 12.3696, 2.0491



32.9274, 64.2207, 10.6604

Inverse Universe

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



10.6349, 10.0336, 13.6886



17.6374, 16.1771, 23.3296



10.7363, 10.1122, 12.5011



2.8882, 2.8644, 3.5326



7.6182, 3.5715, 16.4322



39.0458, 18.2731, 85.6705

Previews

White Background



This preview shows how the XYZ color 10.3179, 12.0379, 10.3741 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 10.3179, 12.0379, 10.3741 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

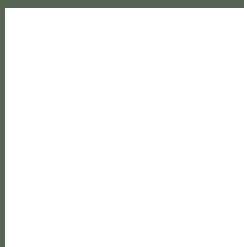
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.3179, 12.0379, 10.3741

Background



This preview shows how black text looks on a background with the XYZ color 10.3179, 12.0379, 10.3741.

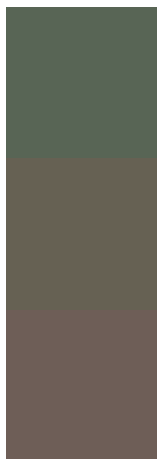


This preview shows how white text looks on a background with the XYZ color 10.3179, 12.0379,

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

10.3179, 12.0379, 10.3741

Protanopia

11.3155, 11.9987, 9.9032

Deuteranopia

12.1534, 12.0085, 10.6941



Tritanopia

11.2836, 12.0001, 15.3572

Trichromacy



Original Color

10.3179, 12.0379, 10.3741

Protanomaly

10.8977, 11.9168, 10.1133

Deuteranomaly

11.4339, 12.0461, 10.5266

Tritanomaly

10.8829, 11.9792, 13.2939

Monochromacy



Original Color

10.3179, 12.0379, 10.3741

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.5767, 11.5800, 11.5752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.3179, 12.0379, 10.3741 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(88, 101, 85) looks like.

```
.text, #text, p{  
    color:rgb(88, 101, 85)  
}
```

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(88, 101, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 101, 85) }
```

Border

The CSS property to change the border of an element to XYZ 10.3179, 12.0379, 10.3741 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(88, 101, 85) }
```


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

```
.border{ border-color:rgb(88, 101, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 101, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 101, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 101, 85);  
box-shadow:4px 4px 4px 4px rgb(88, 101,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 10.3179, 12.0379, 10.3741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 101, 85) }
```

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

```
.background{ background-color: rgb(88, 101,  
85) }
```

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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