

Converting Colors

XYZ(10.1805, 12.0572, 13.2138)

Have a look what the booklet for
XYZ(10.1805, 12.0572, 13.2138)
contains.

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Color

**XYZ(10.1335, 12.0281,
13.0968)**

Conversions

Conversions Part 1

Format	Color
Hex	4F6661
RGB	79, 102, 97
RGB Percent	31%, 40%, 38%
CMY	0.6902, 0.6000, 0.6196
CMYK	0.23, 0.00, 0.05, 0.60
HSL	167°, 13%, 35%
HSV	167°, 23%, 40%
XYZ	10.1335, 12.0281, 13.0968
YIQ	94.5530, -12.1030, -6.4310

Conversions

Conversions Part 2

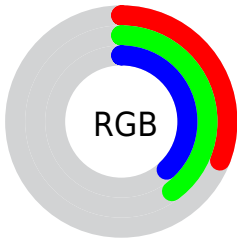
Format	Color
R _Y B	79, 92, 102
Decimal	5203553
CIE Lab	41.26, -9.73, -0.00
CIE LCh	41, 9.725, 180.004
Yxy	12.0281, 0.2874, 0.3411
Android (android.graphics.Color)	4283393633 (0xFF4F6661)
YUV	94.5530, 1.2064, -13.6400
Hunter-Lab	34.6816, -8.5373, 1.8874

Details

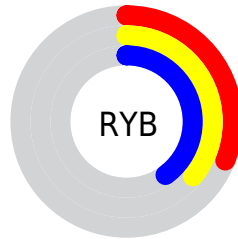
The XYZ color **10.1335, 12.0281, 13.0968** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **9.8762, 9.0572, 9.6157**, and the grayscale version is **10.7701, 11.3310, 12.3394**.

A 20% lighter version of the original color is **25.7898, 29.5877, 32.3687**, and **2.6234, 3.3115, 3.6329** is the 20% darker color. If you saturate the color by 10%, you get **9.2474, 11.5834, 12.5232**, and if you desaturate by 10%, it is **11.1534, 12.5421, 13.6923**.

Distribution



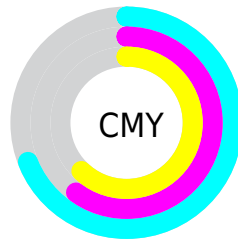
- Red (31%)
- Green (40%)
- Blue (38%)



- Red (31%)
- Yellow (36%)
- Blue (40%)



- Cyan (23%)
- Magenta (0%)
- Yellow (5%)
- Black (60%)



- Cyan (69%)
- Magenta (60%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.1335, 12.0281, 13.0968 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 10.1335, 12.0281, 13.0968 by changing the saturation by 10% instead.

■ 10.1335, 12.0281,
13.0968

■ 10.1335, 12.0281,
13.0968

185.6560,
204.5912, 222.7667

■ 5.5505, 6.7628,
7.3637

■ 25.6937, 29.5463,
32.1713

■ 2.6118, 3.3142,
3.6087

■ 37.4016, 42.5680,
46.3498

■ 0.9520, 1.2979,
1.4132

■ 52.2152, 58.9439,
64.1806

■ 0.0000, 0.1396,
0.1520

■ 70.4999, 79.0585,
86.0821

■ 0.0000, 0.0000,
0.0000

■ 92.6209, 103.2961,
112.4729

118.9437,

132.0412, 143.7716

149.8336,
165.6781, 180.3967

■ 10.1335, 12.0281,
13.0968

■ 10.1335, 12.0281,
13.0968

■ 9.2474, 11.5834,
12.5232

■ 11.1534, 12.5421,
13.6923

■ 8.4882, 11.2035,
11.9702

■ 12.3116, 13.1267,
14.3092

■ 7.8497, 10.8855,
11.4378

■ 13.6138, 13.7852,
14.9483

■ 7.3251, 10.6258,
10.9254

■ 15.0648, 14.5201,
15.6097

■ 6.9066, 10.4205,
10.4325

■ 16.6695, 15.3339,
16.2939

■ 6.5855, 10.2652,
9.9587

■ 18.4323, 16.2288,
17.0012

■ 6.3498, 10.1535,
9.5033

■ 20.3576, 17.2071,
17.7319

■ 6.1930, 10.0798,
9.1741

■ 22.4495, 18.2710,
18.4863

■ 24.7121, 19.4225,
19.2647

Harmonies

Analogous

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



10.3014, 12.0281, 11.2553



10.1335, 12.0281, 13.0968



10.3015, 12.0281, 15.1288

Triad

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



10.1335, 12.0281, 13.0968



12.1215, 12.0281, 16.7423



12.1214, 12.0281, 10.0225

Complementary

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



10.1335, 12.0281, 13.0968



9.8762, 9.0572, 9.6157

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.



12.6430, 12.0281, 11.2550



10.1335, 12.0281, 13.0968



12.6431, 12.0281, 15.1284

Square

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



10.1335, 12.0281, 13.0968



11.4324, 12.0281, 17.3606



12.8377, 12.0281, 13.0963



11.4323, 12.0281, 9.5950

Rectangle

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



10.1335, 12.0281, 13.0968



10.5856, 12.0281, 16.2909



12.8377, 12.0281, 13.0963



12.3231, 12.0281, 10.3497

Sweetspot

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



10.1338, 12.0286, 13.0971



20.6152, 22.5275, 24.5861



9.8521, 11.9696, 9.1884



4.8484, 5.3069, 5.7921



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.



10.1338, 12.0286, 13.0971



16.9310, 20.6720, 22.4378



9.7938, 10.9635, 14.1710



2.8794, 3.1755, 3.4665



7.9391, 12.9393, 11.7068



41.0742, 67.3522, 59.3059

Inverse Universe

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



9.8762, 9.0572, 9.6157



16.3943, 14.4775, 15.1829



10.1502, 9.9077, 8.7747



2.8516, 2.8553, 3.0911



7.2124, 3.6979, 1.2507



37.3390, 19.1756, 5.0627

Previews

White Background



This preview shows how the XYZ color 10.1335, 12.0281, 13.0968 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 10.1335, 12.0281, 13.0968 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 10.1335, 12.0281, 13.0968

Background



This preview shows how black text looks on a background with the XYZ color 10.1335, 12.0281, 13.0968.



This preview shows how white text looks on a background with the XYZ color 10.1335, 12.0281,

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

10.1335, 12.0281, 13.0968

Protanopia

11.4407, 12.0102, 12.3049

Deuteranopia

12.1987, 11.9704, 13.4720



Tritanopia

10.6573, 11.9464, 15.9315

Trichromacy



Original Color

10.1335, 12.0281, 13.0968

Protanomaly

10.9410, 12.0252, 12.5709

Deuteranomaly

11.3032, 11.9180, 13.2599

Tritanomaly

10.4606, 12.0123, 14.8640

Monochromacy



Original Color

10.1335, 12.0281, 13.0968

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.5988, 11.7037, 12.7668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.1335, 12.0281, 13.0968 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(79, 102, 97)` looks like.

```
.text, #text, p{  
    color:rgb(79, 102, 97)  
}
```

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(79, 102, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 102, 97) }
```

Border

The CSS property to change the border of an element to XYZ 10.1335, 12.0281, 13.0968 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(79, 102, 97) }
```


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

```
.border{ border-color:rgb(79, 102, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 102, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 102, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 102, 97);  
box-shadow:4px 4px 4px 4px rgb(79, 102,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 10.1335, 12.0281, 13.0968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 102, 97) }
```

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

```
.background{ background-color: rgb(79, 102,  
97) }
```

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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