

Converting Colors

XYZ(10.0535, 10.9573, 12.8945)

Have a look what the booklet for
XYZ(10.0535, 10.9573, 12.8945)
contains.

XYZ(10.0876, 11.0259, 12.9058)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(10.0876, 11.0259,
12.9058)**

Conversions

Conversions Part 1

Format	Color
Hex	565F61
RGB	86, 95, 97
RGB Percent	34%, 37%, 38%
CMY	0.6627, 0.6274, 0.6196
CMYK	0.11, 0.02, 0.00, 0.62
HSL	191°, 6%, 36%
HSV	191°, 11%, 38%
XYZ	10.0876, 11.0259, 12.9058
YIQ	92.5370, -6.0060, -1.2860

Conversions

Conversions Part 2

Format	Color
R_{YB}	86, 91, 97
Decimal	5660513
CIE _{Lab}	39.62, -3.03, -2.34
CIE _{LCh}	40, 3.828, 217.690
Yxy	11.0259, 0.2965, 0.3241
Android (android.graphics.Color)	4283850593 (0xFF565F61)
YUV	92.5370, 2.2003, -5.7329
Hunter-Lab	33.2053, -3.8818, 0.1996

Details

The XYZ color **10.0876, 11.0259, 12.9058** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.0992, 10.1926, 10.2393**, and the grayscale version is **10.2931, 10.8291, 11.7929**.

A 20% lighter version of the original color is **25.6240, 27.6232, 31.9982**, and **2.6103, 2.9071, 3.5555** is the 20% darker color. If you saturate the color by 10%, you get **9.0976, 10.2828, 12.8147**, and if you desaturate by 10%, it is **11.2031, 11.8396, 13.0042**.

Distribution



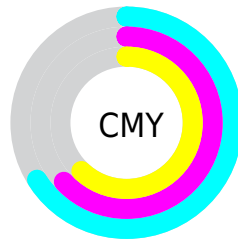
- Red (34%)
- Green (37%)
- Blue (38%)



- Red (34%)
- Yellow (36%)
- Blue (38%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (62%)



- Cyan (66%)
- Magenta (63%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.0876, 11.0259, 12.9058 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 10.0876, 11.0259, 12.9058 by changing the saturation by 10% instead.

■ 10.0876, 11.0259,
12.9058

■ 10.0876, 11.0259,
12.9058

■ 185.3367,
197.8452, 221.4997

■ 5.5198, 6.0843,
7.2337

■ 25.6083, 27.7081,
31.8231

■ 2.5932, 2.8964,
3.5281

■ 37.2919, 40.2174,
45.9055

■ 0.9425, 1.0779,
1.3702

■ 52.0782, 56.0180,
63.6284

■ 0.0000, 0.0000,
0.1183

■ 70.3325, 75.4944,
85.4104

■ 0.0000, 0.0000,
0.0000

■ 92.4201, 99.0309,
111.6699

118.7065,

127.0119, 142.8256

149.5569,
159.8219, 179.2960

■ 10.0876, 11.0259,
12.9058

■ 10.0876, 11.0259,
12.9058

■ 9.0976, 10.2828,
12.8147

■ 11.2031, 11.8396,
13.0042

■ 8.2272, 9.6064,
12.7300

■ 12.4477, 12.7249,
13.1095

■ 7.4716, 8.9944,
12.6517

■ 13.8262, 13.6847,
13.2221

■ 6.8251, 8.4439,
12.5796

■ 15.3425, 14.7209,
13.3422

■ 6.2818, 7.9518,
12.5132

■ 17.0008, 15.8358,
13.4700

■ 5.8348, 7.5145,
12.4524

■ 18.8049, 17.0314,
13.6057

■ 5.4768, 7.1282,
12.3967

■ 20.7583, 18.3095,
13.7494

■ 5.1981, 6.7879,
12.3457

■ 22.8647, 19.6720,
13.9014

■ 4.9810, 6.5097,
12.3034

■ 25.1275, 21.1207,
14.0618

Harmonies

Analogous

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



9.9902, 11.0259, 12.1987



10.0876, 11.0259, 12.9058



10.2904, 11.0259, 13.3849

Triad

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



10.0876, 11.0259, 12.9058



10.9510, 11.0259, 12.5593



10.4128, 11.0259, 10.6364

Complementary

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



10.0876, 11.0259, 12.9058



10.0992, 10.1926, 10.2393

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.



10.6715, 11.0259, 10.7240



10.0876, 11.0259, 12.9058



10.9851, 11.0259, 11.8140

Square

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



10.0876, 11.0259, 12.9058



10.7897, 11.0259, 13.1791



10.8820, 11.0259, 11.1478



10.1759, 11.0259, 10.9034

Rectangle

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



10.0876, 11.0259, 12.9058



10.4596, 11.0259, 13.4997



10.8820, 11.0259, 11.1478



10.5000, 11.0259, 10.6256

Sweetspot

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



10.0879, 11.0264, 12.9060



18.8533, 20.0417, 22.2601



9.8671, 11.2298, 10.8440



4.6485, 4.9526, 5.5242



49.6657, 52.2522, 56.9026



4.8358, 5.0876, 5.5404

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



10.0879, 11.0264, 12.9060



16.7485, 18.4967, 22.0728



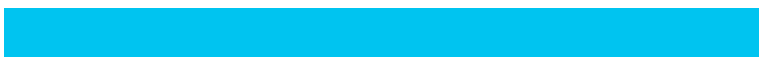
9.6237, 10.0979, 12.7513



2.6041, 2.8228, 3.2528



6.7470, 8.7967, 16.7300



35.4578, 45.8218, 89.1803

Inverse Universe

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



10.3233, 10.0234, 12.2176



17.2543, 16.3666, 20.5880



10.5533, 11.1008, 10.3907



2.6510, 2.6213, 3.1162



8.6313, 4.2274, 10.4441



45.8145, 22.4652, 54.2366

Previews

White Background



This preview shows how the XYZ color 10.0876, 11.0259, 12.9058 looks on a white background.

Color Contrast Check

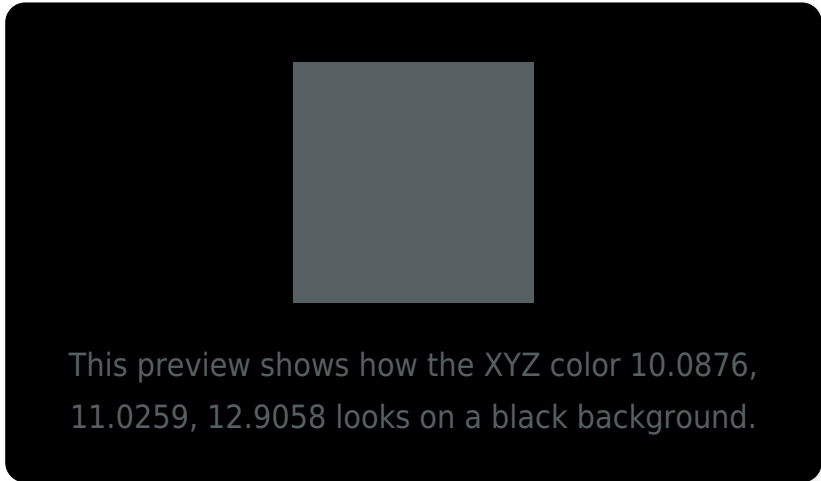
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

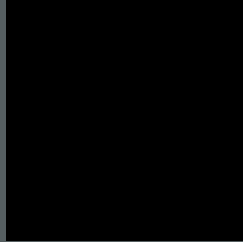
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.0876, 11.0259, 12.9058

Background



This preview shows how black text looks on a background with the XYZ color 10.0876, 11.0259, 12.9058.



This preview shows how white text looks on a background with the XYZ color 10.0876, 11.0259,

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

10.0876, 11.0259, 12.9058

Protanopia

10.6418, 11.0529, 12.6389

Deuteranopia

11.1163, 10.9035, 13.0740



Tritanopia

10.3315, 10.9910, 14.1473

Trichromacy



Original Color

10.0876, 11.0259, 12.9058

Protanomaly

10.4284, 11.0741, 12.6542

Deuteranomaly

10.7511, 10.9690, 13.1059

Tritanomaly

10.2334, 10.9517, 13.6311

Monochromacy



Original Color

10.0876, 11.0259, 12.9058

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.2395, 10.9872, 12.1707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.0876, 11.0259, 12.9058 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(86, 95, 97) looks like.

```
.text, #text, p{  
    color:rgb(86, 95, 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(86, 95, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 95, 97) }
```

Border

The CSS property to change the border of an element to XYZ 10.0876, 11.0259, 12.9058 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(86, 95, 97) }
```


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

```
.border{ border-color:rgb(86, 95, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 95, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 95, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 95, 97);  
box-shadow:4px 4px 4px 4px rgb(86, 95, 97)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.0876, 11.0259, 12.9058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 95, 97) }
```

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

```
.background{ background-color: rgb(86, 95,  
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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