

Converting Colors

XYZ(10.0338, 10.3490, 12.4701)

Have a look what the booklet for
XYZ(10.0338, 10.3490, 12.4701)
contains.

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Color

**XYZ(10.0819, 10.3810,
12.5387)**

Conversions

Conversions Part 1

Format	Color
Hex	5B5A60
RGB	91, 90, 96
RGB Percent	36%, 35%, 38%
CMY	0.6431, 0.6471, 0.6235
CMYK	0.05, 0.06, 0.00, 0.62
HSL	250°, 3%, 36%
HSV	250°, 6%, 38%
XYZ	10.0819, 10.3810, 12.5387
YIQ	90.9830, -1.3300, 2.0780

Conversions

Conversions Part 2

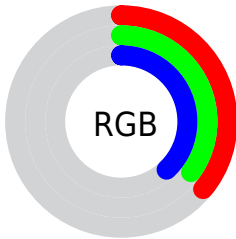
Format	Color
RYB	91, 90, 96
Decimal	5986912
CIELab	38.52, 1.70, -3.31
CIElCh	39, 3.716, 297.138
Yxy	10.3810, 0.3055, 0.3146
Android (android.graphics.Color)	4284176992 (0xFF5B5A60)
YUV	90.9830, 2.4734, 0.0149
Hunter-Lab	32.2196, -0.5294, -0.5199

Details

The XYZ color **10.0819, 10.3810, 12.5387** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.7480, 11.5371, 11.3337**, and the grayscale version is **9.9351, 10.4525, 11.3828**.

A 20% lighter version of the original color is **25.5509, 26.4942, 30.9613**, and **2.5963, 2.6649, 3.3952** is the 20% darker color. If you saturate the color by 10%, you get **8.5768, 8.4799, 12.2512**, and if you desaturate by 10%, it is **11.7763, 12.5355, 12.8654**.

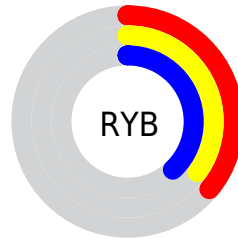
Distribution



Red (36%)

Green (35%)

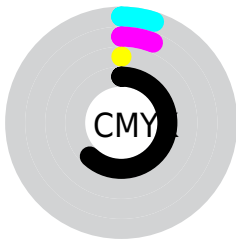
Blue (38%)



Red (36%)

Yellow (35%)

Blue (38%)

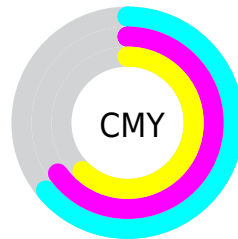


Cyan (5%)

Magenta (6%)

Yellow (0%)

Black (62%)



Cyan (64%)

Magenta (65%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.0819, 10.3810, 12.5387 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 10.0819, 10.3810, 12.5387 by changing the saturation by 10% instead.

■ 10.0819, 10.3810,
12.5387

■ 10.0819, 10.3810,
12.5387

185.2970,
193.3701, 219.0427

■ 5.5160, 5.6523,
6.9847

■ 25.5977, 26.5097,
31.1515

■ 2.5909, 2.6348,
3.3742

■ 37.2783, 38.6785,
45.0473

■ 0.9413, 0.9442,
1.2887

■ 52.0612, 54.0961,
62.5608

■ 0.0000, 0.0000,
0.0525

■ 70.3117, 73.1469,
84.1106

■ 0.0000, 0.0000,
0.0000

■ 92.3952, 96.2153,
110.1151

118.6770,

123.6857, 140.9929

149.5225,
155.9425, 177.1626

■ 10.0819, 10.3810,
12.5387

■ 10.0819, 10.3810,
12.5387

■ 8.5768, 8.4799,
12.2512

■ 11.7763, 12.5355,
12.8654

■ 7.2536, 6.8217,
12.0009

■ 13.6654, 14.9511,
13.2321

■ 6.1055, 5.3968,
11.7864

■ 15.7555, 17.6364,
13.6403

■ 5.1251, 4.1948,
11.6061

■ 18.0524, 20.5995,
14.0911

■ 4.3044, 3.2043,
11.4581

■ 20.5614, 23.8481,
14.5859

■ 3.6348, 2.4128,
11.3406

■ 23.2879, 27.3896,
15.1258

■ 3.1067, 1.8067,
11.2515

■ 26.2370, 31.2310,
15.7119

■ 2.7096, 1.3705,
11.1882

■ 29.4136, 35.3794,
16.3451

■ 2.4188, 1.0611,
11.1438

■ 32.8225, 39.8412,
17.0267

Harmonies

Analogous

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



9.8435, 10.3810, 12.6957



10.0819, 10.3810, 12.5387



10.2653, 10.3810, 12.0463

Triad

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



10.0819, 10.3810, 12.5387



10.1230, 10.3810, 10.2140



9.4066, 10.3810, 11.2363

Complementary

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



10.0819, 10.3810, 12.5387



10.7480, 11.5371, 11.3337

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.



9.4788, 10.3810, 10.5912



10.0819, 10.3810, 12.5387



9.8902, 10.3810, 10.0163

Square

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



10.0819, 10.3810, 12.5387



10.2893, 10.3810, 10.7026



9.6548, 10.3810, 10.1515



9.4561, 10.3810, 11.9258

Rectangle

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



10.0819, 10.3810, 12.5387



10.3303, 10.3810, 11.6042



9.6548, 10.3810, 10.1515



9.4174, 10.3810, 11.0073

Sweetspot

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



10.0822, 10.3814, 12.5389



18.8629, 19.7106, 22.1956



10.4293, 11.2209, 12.6827



4.6969, 4.9110, 5.5136



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.



10.0822, 10.3814, 12.5389



17.3925, 17.8449, 21.9130



10.3737, 10.5317, 12.5526



2.5569, 2.6244, 3.2170



3.1983, 1.3096, 15.4719



16.5557, 6.7230, 82.6297

Inverse Universe

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



10.5459, 10.6258, 12.3220



18.3251, 18.3364, 21.4746



10.4523, 11.3846, 11.3199



2.6919, 2.6956, 3.1536



8.7062, 4.2573, 10.8384



46.2329, 22.6326, 56.4397

Previews

White Background



This preview shows how the XYZ color 10.0819, 10.3810, 12.5387 looks on a white background.

Color Contrast Check

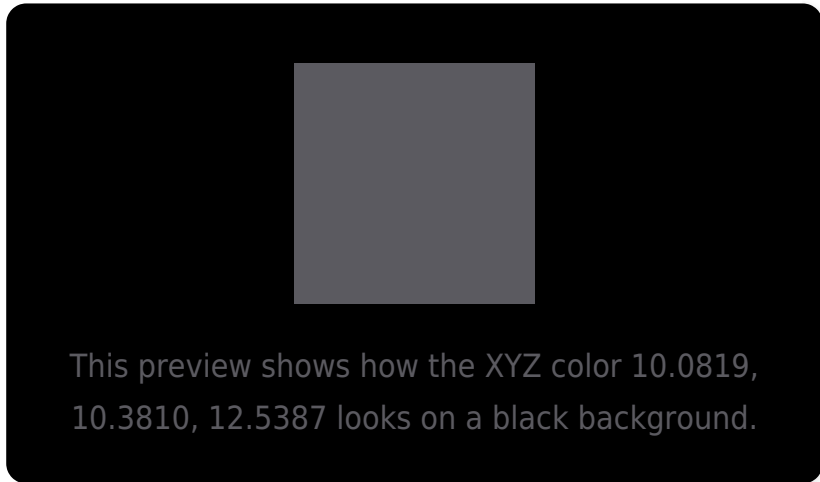
Large Text (above 18pt) WCAG AA ✓ Pass

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

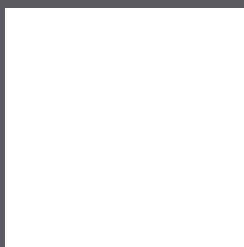
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.0819, 10.3810, 12.5387

Background



This preview shows how black text looks on a background with the XYZ color 10.0819, 10.3810, 12.5387.

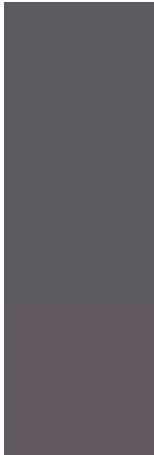


This preview shows how white text looks on a background with the XYZ color 10.0819, 10.3810,

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

10.0819, 10.3810, 12.5387

Protanopia

10.0819, 10.3810, 12.5387

Deuteranopia

10.5308, 10.3654, 12.5120



Tritanopia

10.1282, 10.3995, 12.7828

Trichromacy



Original Color

10.0819, 10.3810, 12.5387

Protanomaly

10.0819, 10.3810, 12.5387

Deuteranomaly

10.4030, 10.4222, 12.5297

Tritanomaly

10.1282, 10.3995, 12.7828

Monochromacy



Original Color

10.0819, 10.3810, 12.5387

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

10.0313, 10.4966, 11.8533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.0819, 10.3810, 12.5387 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(91, 90, 96) looks like.

```
.text, #text, p{  
    color:rgb(91, 90, 96)  
}
```

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(91, 90, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 90, 96) }
```

Border

The CSS property to change the border of an element to XYZ 10.0819, 10.3810, 12.5387 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(91, 90, 96) }
```


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

```
.border{ border-color:rgb(91, 90, 96) }
```

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

Here you see how a box with a 4 pixel rgb(91, 90, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 90, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 90, 96);  
box-shadow:4px 4px 4px 4px rgb(91, 90, 96)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.0819, 10.3810, 12.5387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 90, 96) }
```

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

```
.background{ background-color: rgb(91, 90,  
96) }
```

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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