

Converting Colors

XYZ(10.3401, 10.9593, 12.8552)

Have a look what the booklet for
XYZ(10.3401, 10.9593, 12.8552)
contains.

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Color

**XYZ(10.3768, 11.0421,
12.8937)**

Conversions

Conversions Part 1

Format	Color
Hex	5A5E61
RGB	90, 94, 97
RGB Percent	35%, 37%, 38%
CMY	0.6471, 0.6314, 0.6196
CMYK	0.07, 0.03, 0.00, 0.62
HSL	206°, 4%, 37%
HSV	206°, 7%, 38%
XYZ	10.3768, 11.0421, 12.8937
YIQ	93.1460, -3.3470, 0.0850

Conversions

Conversions Part 2

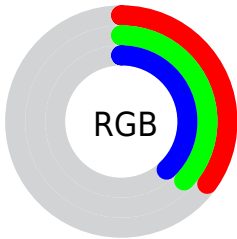
Format	Color
R_{YB}	90, 93, 97
Decimal	5922401
CIE Lab	39.65, -0.91, -2.26
CIE LCh	40, 2.437, 248.192
Yxy	11.0421, 0.3024, 0.3218
Android (android.graphics.Color)	4284112481 (0xFF5A5E61)
YUV	93.1460, 1.9000, -2.7590
Hunter-Lab	33.2297, -2.4108, 0.2552

Details

The XYZ color **10.3768, 11.0421, 12.8937** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.6896, 11.1082, 11.2537**, and the grayscale version is **10.4351, 10.9785, 11.9556**.

A 20% lighter version of the original color is **26.1338, 27.6601, 31.9785**, and **2.6932, 2.8884, 3.5475** is the 20% darker color. If you saturate the color by 10%, you get **9.1347, 9.8682, 12.7328**, and if you desaturate by 10%, it is **11.7626, 12.3202, 13.0675**.

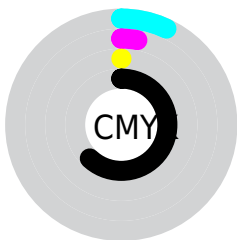
Distribution



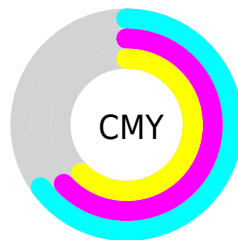
- Red (35%)
- Green (37%)
- Blue (38%)



- Red (35%)
- Yellow (36%)
- Blue (38%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (62%)



- Cyan (65%)
- Magenta (63%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.3768, 11.0421, 12.8937 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 10.3768, 11.0421, 12.8937 by changing the saturation by 10% instead.

■ 10.3768, 11.0421,
12.8937

■ 10.3768, 11.0421,
12.8937

187.3386,
197.9562, 221.4191

■ 5.7137, 6.0952,
7.2255

■ 26.1451, 27.7380,
31.8011

■ 2.7108, 2.9030,
3.5230

■ 37.9811, 40.2557,
45.8773

■ 1.0027, 1.0813,
1.3675

■ 52.9386, 56.0659,
63.5934

■ 0.0000, 0.0000,
0.1161

■ 71.3832, 75.5528,
85.3677

■ 0.0000, 0.0000,
0.0000

■ 93.6801, 99.1009,
111.6189

120.1948,

127.0945, 142.7655

151.2925,
159.9182, 179.2261

■ 10.3768, 11.0421,
12.8937

■ 10.3768, 11.0421,
12.8937

■ 9.1347, 9.8682,
12.7328

■ 11.7626, 12.3202,
13.0675

■ 8.0303, 8.7941,
12.5836

■ 13.2960, 13.7041,
13.2538

■ 7.0585, 7.8169,
12.4462

■ 14.9817, 15.1969,
13.4531

■ 6.2137, 6.9334,
12.3202

■ 16.8242, 16.8014,
13.6657

■ 5.4897, 6.1397,
12.2052

■ 18.8275, 18.5202,
13.8919

■ 4.8797, 5.4319,
12.1007

■ 20.9958, 20.3556,
14.1319

■ 4.3762, 4.8057,
12.0064

■ 23.3328, 22.3101,
14.3860

■ 3.9710, 4.2561,
11.9217

■ 25.8423, 24.3861,
14.6544

■ 3.6352, 3.7679,
11.8451

■ 28.5279, 26.5857,
14.9374

Harmonies

Analogous

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



10.2458, 11.0421, 12.5983



10.3768, 11.0421, 12.8937



10.5408, 11.0421, 12.9527

Triad

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



10.3768, 11.0421, 12.8937



10.8150, 11.0421, 11.8929



10.2987, 11.0421, 11.3173

Complementary

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



10.3768, 11.0421, 12.8937



10.6896, 11.1082, 11.2537

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.



10.4497, 11.0421, 11.1388



10.3768, 11.0421, 12.8937



10.7486, 11.0421, 11.4654

Square

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



10.3768, 11.0421, 12.8937



10.7950, 11.0421, 12.3665



10.6145, 11.0421, 11.1924



10.2010, 11.0421, 11.6858

Rectangle

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



10.3768, 11.0421, 12.8937



10.6470, 11.0421, 12.8486



10.6145, 11.0421, 11.1924



10.3448, 11.0421, 11.2335

Sweetspot

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



10.3771, 11.0426, 12.8939



18.9811, 20.0351, 22.2520



10.4634, 11.5121, 12.0073



4.7237, 4.9845, 5.5264



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.



10.3771, 11.0426, 12.8939



17.3320, 18.5019, 22.0430



10.0798, 10.4480, 12.7949



2.5563, 2.7273, 3.2369



4.7769, 4.8566, 16.0733



24.6321, 24.1704, 85.5717

Inverse Universe

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



10.6065, 10.6621, 12.0891



17.8324, 17.6836, 20.2850



10.9964, 11.7217, 11.3560



2.6269, 2.6117, 2.9893



7.6369, 3.8296, 5.2076



40.3502, 20.2795, 25.4619

Previews

White Background



This preview shows how the XYZ color 10.3768, 11.0421, 12.8937 looks on a white background.

Color Contrast Check

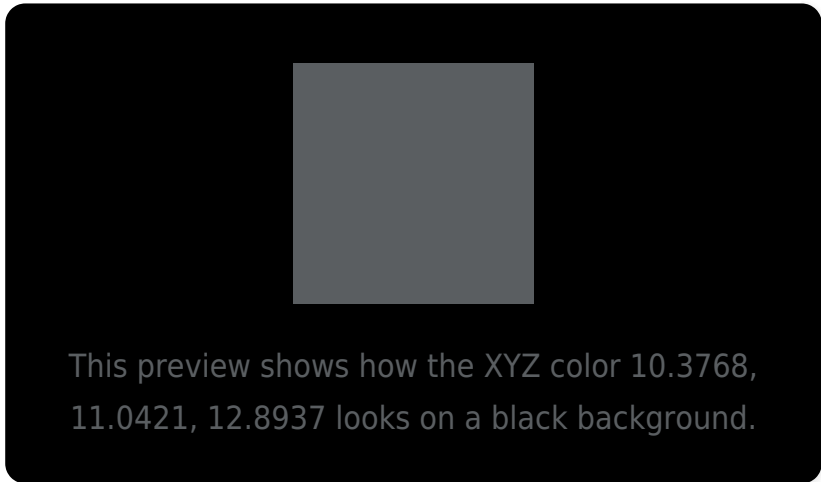
Large Text (above 18pt) WCAG AA ✓ Pass

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

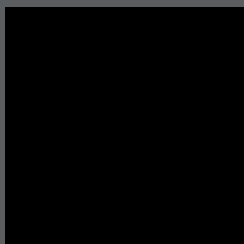
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

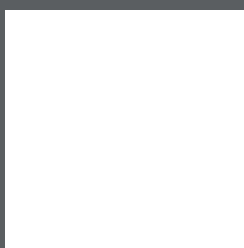
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.3768, 11.0421, 12.8937

Background



This preview shows how black text looks on a background with the XYZ color 10.3768, 11.0421, 12.8937.

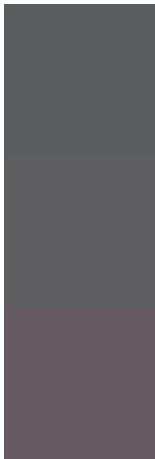


This preview shows how white text looks on a background with the XYZ color 10.3768, 11.0421,

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

10.3768, 11.0421, 12.8937

Protanopia

10.6418, 11.0529, 12.6389

Deuteranopia

11.2012, 11.0733, 13.1023



Tritanopia

10.5777, 10.9924, 13.8762

Trichromacy



Original Color

10.3768, 11.0421, 12.8937

Protanomaly

10.5399, 11.0004, 12.6341

Deuteranomaly

10.8556, 11.0229, 13.1108

Tritanomaly

10.5290, 10.9729, 13.6196

Monochromacy



Original Color

10.3768, 11.0421, 12.8937

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.3484, 10.9122, 12.1505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.3768, 11.0421, 12.8937 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(90, 94, 97) looks like.

```
.text, #text, p{  
    color:rgb(90, 94, 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(90, 94, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 94, 97) }
```

Border

The CSS property to change the border of an element to XYZ 10.3768, 11.0421, 12.8937 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(90, 94, 97) }
```


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

```
.border{ border-color:rgb(90, 94, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 94, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 94, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 94, 97);  
box-shadow:4px 4px 4px 4px rgb(90, 94, 97)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.3768, 11.0421, 12.8937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 94, 97) }
```

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

```
.background{ background-color: rgb(90, 94,  
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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