

Converting Colors

XYZ(10.2291, 11.3727, 12.2095)

Have a look what the booklet for
XYZ(10.2291, 11.3727, 12.2095)
contains.

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Color

**XYZ(10.2256, 11.3838,
12.2480)**

Conversions

Conversions Part 1

Format	Color
Hex	57615E
RGB	87, 97, 94
RGB Percent	34%, 38%, 37%
CMY	0.6588, 0.6196, 0.6314
CMYK	0.10, 0.00, 0.03, 0.62
HSL	162°, 5%, 36%
HSV	162°, 10%, 38%
XYZ	10.2256, 11.3838, 12.2480
YIQ	93.6680, -4.9970, -3.0530

Conversions

Conversions Part 2

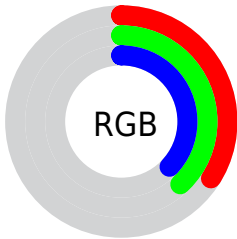
Format	Color
R_{YB}	87, 93, 97
Decimal	5726558
CIE Lab	40.22, -4.52, 0.38
CIE LCh	40, 4.537, 175.135
Yxy	11.3838, 0.3020, 0.3362
Android (android.graphics.Color)	4283916638 (0xFF57615E)
YUV	93.6680, 0.1637, -5.8478
Hunter-Lab	33.7399, -4.9465, 2.0949

Details

The XYZ color **10.2256, 11.3838, 12.2480** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.1839, 10.0964, 11.0856**, and the grayscale version is **10.5618, 11.1118, 12.1008**.

A 20% lighter version of the original color is **25.9405, 28.5118, 30.5217**, and **2.6722, 3.0733, 3.2487** is the 20% darker color. If you saturate the color by 10%, you get **9.2520, 10.8970, 11.5334**, and if you desaturate by 10%, it is **11.3265, 11.9363, 12.9947**.

Distribution



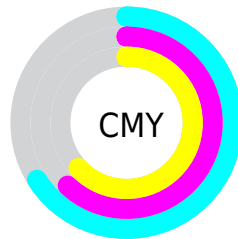
- Red (34%)
- Green (38%)
- Blue (37%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (62%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.2256, 11.3838, 12.2480 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 10.2256, 11.3838, 12.2480 by changing the saturation by 10% instead.

■ 10.2256, 11.3838,
12.2480

■ 10.2256, 11.3838,
12.2480

186.2949,
200.2820, 217.0761

■ 5.6122, 6.3256,
6.7882

■ 25.8648, 28.3677,
30.6171

■ 2.6491, 3.0441,
3.2536

■ 37.6213, 41.0622,
44.3635

■ 0.9711, 1.1548,
1.2255

■ 52.4896, 57.0710,
61.7092

■ 0.0000, 0.0243,
0.0000

■ 70.8350, 76.7784,
83.0728

■ 0.0000, 0.0000,
0.0000

■ 93.0229, 100.5688,
108.8727

119.4186,

128.8266, 139.5275

150.3875,
161.9362, 175.4558

■ 10.2256, 11.3838,
12.2480

■ 10.2256, 11.3838,
12.2480

■ 9.2520, 10.8970,
11.5334

■ 11.3265, 11.9363,
12.9947

■ 8.3999, 10.4720,
10.8498

■ 12.5583, 12.5553,
13.7734

■ 7.6644, 10.1065,
10.1967

■ 13.9258, 13.2438,
14.5846

■ 7.0398, 9.7977,
9.5738

■ 15.4331, 14.0037,
15.4290

■ 6.5203, 9.5425,
8.9803

■ 17.0842, 14.8371,
16.3069

■ 6.0991, 9.3374,
8.4157

■ 18.8829, 15.7460,
17.2187

■ 5.7687, 9.1786,
7.8794

■ 20.8328, 16.7324,
18.1650

■ 5.5206, 9.0617,
7.3706

■ 22.9376, 17.7979,
19.1461

■ 5.3149, 8.9658,
6.9015

■ 25.2007, 18.9444,
20.1624

Harmonies

Analogous

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



10.3289, 11.3838, 11.4264



10.2256, 11.3838, 12.2480



10.2790, 11.3838, 13.1492

Triad

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



10.2256, 11.3838, 12.2480



11.0802, 11.3838, 14.0385



11.1711, 11.3838, 11.0210

Complementary

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



10.2256, 11.3838, 12.2480



10.1839, 10.0964, 11.0856

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.



11.3796, 11.3838, 11.6703



10.2256, 11.3838, 12.2480



11.3263, 11.3838, 13.4169

Square

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



10.2256, 11.3838, 12.2480



10.7685, 11.3838, 14.2115



11.4369, 11.3838, 12.5432



10.8716, 11.3838, 10.7403

Rectangle

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



10.2256, 11.3838, 12.2480



10.3969, 11.3838, 13.6701



11.4369, 11.3838, 12.5432



11.2544, 11.3838, 11.2018

Sweetspot

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



10.2259, 11.3843, 12.2483



18.8677, 20.1849, 21.9124



10.2281, 11.4201, 10.6823



4.6529, 4.9958, 5.4194



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.



10.2259, 11.3843, 12.2483



17.1698, 19.3338, 20.7396



10.1958, 11.1043, 12.9158



2.6103, 2.8829, 3.1078



7.2103, 12.1901, 9.2797



38.1171, 64.9618, 47.4573

Inverse Universe

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



10.1839, 10.0964, 11.0856



17.0846, 16.7239, 18.3837



10.2090, 10.3470, 10.4762



2.6011, 2.6014, 2.8536



6.9916, 3.5715, 1.8098



37.0012, 18.9399, 7.8267

Previews

White Background



This preview shows how the XYZ color 10.2256, 11.3838, 12.2480 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 10.2256, 11.3838, 12.2480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

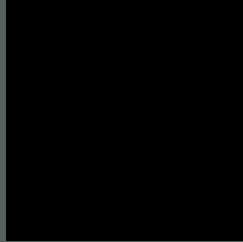
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.2256, 11.3838, 12.2480

Background



This preview shows how black text looks on a background with the XYZ color 10.2256, 11.3838, 12.2480.



This preview shows how white text looks on a background with the XYZ color 10.2256, 11.3838,

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

10.2256, 11.3838, 12.2480

Protanopia

10.8642, 11.3195, 11.7375

Deuteranopia

11.6016, 11.4236, 12.4200



Tritanopia

10.7509, 11.4689, 14.4790

Trichromacy



Original Color

10.2256, 11.3838, 12.2480

Protanomaly

10.5822, 11.3019, 11.9797

Deuteranomaly

11.1053, 11.4283, 12.4470

Tritanomaly

10.5076, 11.3605, 13.6956

Monochromacy



Original Color

10.2256, 11.3838, 12.2480

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.4270, 11.2167, 12.2052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.2256, 11.3838, 12.2480 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(87, 97, 94)` looks like.

```
.text, #text, p{  
    color:rgb(87, 97, 94)  
}
```

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(87, 97, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 97, 94) }
```

Border

The CSS property to change the border of an element to XYZ 10.2256, 11.3838, 12.2480 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(87, 97, 94) }
```


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

```
.border{ border-color:rgb(87, 97, 94) }
```

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

Here you see how a box with a 4 pixel rgb(87, 97, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 97, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 97, 94);  
box-shadow:4px 4px 4px 4px rgb(87, 97, 94)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.2256, 11.3838, 12.2480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 97, 94) }
```

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

```
.background{ background-color: rgb(87, 97,  
94) }
```

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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