

Converting Colors

XYZ(11.0687, 12.3629, 12.7343)

Have a look what the booklet for
XYZ(11.0687, 12.3629, 12.7343)
contains.

XYZ(11.0336, 12.3577, 12.6302)	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(11.0336, 12.3577,
12.6302)**

Conversions

Conversions Part 1

Format	Color
Hex	5B655F
RGB	91, 101, 95
RGB Percent	36%, 40%, 37%
CMY	0.6431, 0.6039, 0.6274
CMYK	0.10, 0.00, 0.06, 0.60
HSL	144°, 5%, 38%
HSV	144°, 10%, 40%
XYZ	11.0336, 12.3577, 12.6302
YIQ	97.3260, -4.0340, -3.9860

Conversions

Conversions Part 2

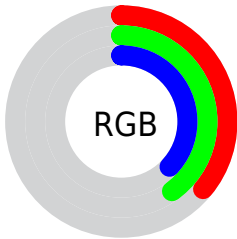
Format	Color
R_{YB}	91, 98, 101
Decimal	5989727
CIE _{Lab}	41.78, -5.14, 2.08
CIE _{LCh}	42, 5.543, 157.962
Yxy	12.3577, 0.3063, 0.3431
Android (android.graphics.Color)	4284179807 (0xFF5B655F)
YUV	97.3260, -1.1467, -5.5479
Hunter-Lab	35.1535, -5.4930, 3.3053

Details

The XYZ color **11.0336, 12.3577, 12.6302** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.2660, 11.1122, 12.8609**, and the grayscale version is **11.4462, 12.0423, 13.1141**.

A 20% lighter version of the original color is **27.3236, 30.1635, 31.1701**, and **2.9557, 3.4180, 3.4097** is the 20% darker color. If you saturate the color by 10%, you get **9.8394, 11.7730, 11.1918**, and if you desaturate by 10%, it is **12.3840, 13.0211, 14.1883**.

Distribution



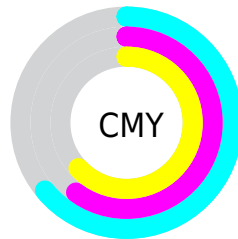
- Red (36%)
- Green (40%)
- Blue (37%)



- Red (36%)
- Yellow (38%)
- Blue (40%)



- Cyan (10%)
- Magenta (0%)
- Yellow (6%)
- Black (60%)



- Cyan (64%)
- Magenta (60%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0336, 12.3577, 12.6302 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 11.0336, 12.3577, 12.6302 by changing the saturation by 10% instead.

■ 11.0336, 12.3577,
12.6302

■ 11.0336, 12.3577,
12.6302

191.8015,
206.7592, 219.6578

■ 6.1569, 6.9878,
7.0467

■ 27.3547, 30.1449,
31.3192

■ 2.9823, 3.4545,
3.4124

■ 39.5298, 43.3310,
45.2617

■ 1.1444, 1.3733,
1.3089

■ 54.8684, 59.8913,
62.8277

■ 0.0618, 0.1970,
0.0691

■ 73.7358, 80.2101,
84.4356

■ 0.0000, 0.0000,
0.0000

■ 96.4975, 104.6720,
110.5041

123.5188,

133.6611, 141.4516

155.1650,
167.5621, 177.6966

■ 11.0336, 12.3577,
12.6302

■ 11.0336, 12.3577,
12.6302

■ 9.8394, 11.7730,
11.1918

■ 12.3840, 13.0211,
14.1883

■ 8.7945, 11.2625,
9.8696

■ 13.8951, 13.7645,
15.8681

■ 7.8931, 10.8237,
8.6608

■ 15.5723, 14.5909,
17.6724

■ 7.1286, 10.4531,
7.5625

■ 17.4207, 15.5030,
19.6038

■ 6.4939, 10.1472,
6.5715

■ 19.4451, 16.5031,
21.6647

■ 5.9811, 9.9019,
5.6844

■ 21.6500, 17.5935,
23.8575

■ 5.5814, 9.7128,
4.8978

■ 24.0398, 18.7764,
26.1846

■ 5.2849, 9.5750,
4.2079

■ 26.6187, 20.0541,
28.6482

■ 5.0459, 9.4648,
3.6092

■ 29.3910, 21.4285,
31.2505

Harmonies

Analogous

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



11.2698, 12.3577, 11.7613



11.0336, 12.3577, 12.6302



10.9860, 12.3577, 13.7690

Triad

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



11.0336, 12.3577, 12.6302



11.8546, 12.3577, 15.8045



12.3748, 12.3577, 12.1206

Complementary

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



11.0336, 12.3577, 12.6302



11.2660, 11.1122, 12.8609

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.



12.5395, 12.3577, 13.1467



11.0336, 12.3577, 12.6302



12.2347, 12.3577, 15.3050

Square

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



11.0336, 12.3577, 12.6302



11.4538, 12.3577, 15.6465



12.4876, 12.3577, 14.3159



12.0423, 12.3577, 11.4791

Rectangle

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



11.0336, 12.3577, 12.6302



11.0665, 12.3577, 14.5362



12.4876, 12.3577, 14.3159



12.4520, 12.3577, 12.4296

Sweetspot

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



11.0339, 12.3582, 12.6305



20.4925, 21.9763, 23.4835



11.4900, 12.6138, 11.7268



5.0030, 5.3881, 5.7332



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.



11.0339, 12.3582, 12.6305



18.4185, 20.9586, 21.0628



11.2606, 12.4489, 13.8243



2.8383, 3.1591, 3.2500



6.5933, 12.4009, 4.6199



33.9789, 64.5141, 21.9429

Inverse Universe

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



11.2660, 11.1122, 12.8609



18.9071, 18.3352, 21.5479



11.0473, 11.0248, 11.7094



2.8919, 2.8714, 3.3032



8.1071, 4.0558, 5.9625



41.8428, 20.9771, 28.7792

Previews

White Background



This preview shows how the XYZ color 11.0336, 12.3577, 12.6302 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 11.0336, 12.3577, 12.6302 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

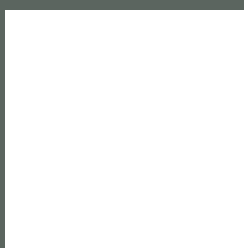
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.0336, 12.3577, 12.6302

Background



This preview shows how black text looks on a background with the XYZ color 11.0336, 12.3577, 12.6302.



This preview shows how white text looks on a background with the XYZ color 11.0336, 12.3577,

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

11.0336, 12.3577, 12.6302

Protanopia

11.7103, 12.2924, 12.1114

Deuteranopia

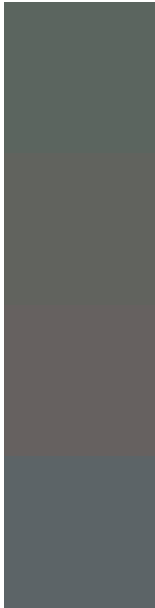
12.5102, 12.2802, 12.7773



Tritanopia

11.6299, 12.3124, 15.6735

Trichromacy



Original Color

11.0336, 12.3577, 12.6302

Protanomaly

11.4120, 12.2732, 12.3572

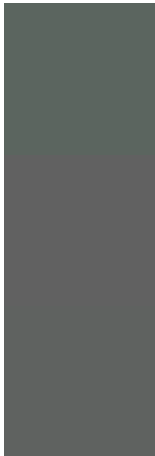
Deuteranomaly

11.8655, 12.2187, 12.7994

Tritanomaly

11.4190, 12.3689, 14.6176

Monochromacy



Original Color

11.0336, 12.3577, 12.6302

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.1983, 12.0128, 12.7948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0336, 12.3577, 12.6302 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, 101, 95) looks like.

```
.text, #text, p{  
    color:rgb(91, 101, 95)  
}
```

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, 101, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 101, 95) }
```

Border

The CSS property to change the border of an element to XYZ 11.0336, 12.3577, 12.6302 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, 101, 95) }
```


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

```
.border{ border-color:rgb(91, 101, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 101, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 101, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 101, 95);  
box-shadow:4px 4px 4px 4px rgb(91, 101,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0336, 12.3577, 12.6302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 101, 95) }
```

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

```
.background{ background-color: rgb(91, 101,  
95) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor