

Converting Colors

XYZ(11.2368, 11.8590, 13.4204)

Have a look what the booklet for
XYZ(11.2368, 11.8590, 13.4204)
contains.

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Color

**XYZ(11.2461, 11.8831,
13.5053)**

Conversions

Conversions Part 1

Format	Color
Hex	5F6163
RGB	95, 97, 99
RGB Percent	37%, 38%, 39%
CMY	0.6274, 0.6196, 0.6118
CMYK	0.04, 0.02, 0.00, 0.61
HSL	210°, 2%, 38%
HSV	210°, 4%, 39%
XYZ	11.2461, 11.8831, 13.5053
YIQ	96.6300, -1.8340, 0.1980

Conversions

Conversions Part 2

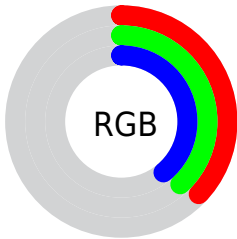
Format	Color
R_{YB}	95, 96, 99
Decimal	6250851
CIE Lab	41.03, -0.35, -1.41
CIE LCh	41, 1.458, 256.035
Yxy	11.8831, 0.3070, 0.3244
Android (android.graphics.Color)	4284440931 (0xFF5F6163)
YUV	96.6300, 1.1684, -1.4295
Hunter-Lab	34.4719, -2.0920, 0.9018

Details

The XYZ color **11.2461, 11.8831, 13.5053** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.4858, 12.0281, 12.5429**, and the grayscale version is **11.2694, 11.8563, 12.9115**.

A 20% lighter version of the original color is **27.7720, 29.4016, 33.0655**, and **3.0931, 3.2777, 3.8378** is the 20% darker color. If you saturate the color by 10%, you get **9.8397, 10.5010, 13.3128**, and if you desaturate by 10%, it is **12.8125, 13.3906, 13.7139**.

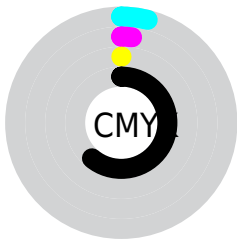
Distribution



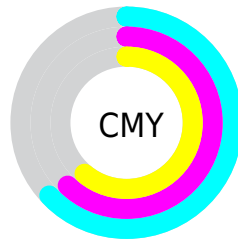
- Red (37%)
- Green (38%)
- Blue (39%)



- Red (37%)
- Yellow (38%)
- Blue (39%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (61%)



- Cyan (63%)
- Magenta (62%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2461, 11.8831, 13.5053 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 11.2461, 11.8831, 13.5053 by changing the saturation by 10% instead.

■ 11.2461, 11.8831,
13.5053

■ 11.2461, 11.8831,
13.5053

193.2219,
203.6298, 225.4516

■ 6.3011, 6.6641,
7.6426

■ 27.7433, 29.2820,
32.9130

■ 3.0714, 3.2529,
3.7826

■ 40.0262, 42.2307,
47.2952

■ 1.1916, 1.2652,
1.5069

■ 55.4858, 58.5249,
65.3542

■ 0.0998, 0.1140,
0.2230

■ 74.4875, 78.5487,
87.5086

■ 0.0000, 0.0000,
0.0000

97.3966, 102.6868,
114.1770

124.5785,

131.3234, 145.7780

156.3984,
164.8429, 182.7300

■ 11.2461, 11.8831,
13.5053

■ 11.2461, 11.8831,
13.5053

■ 9.8397, 10.5010,
13.3128

■ 12.8125, 13.3906,
13.7139

■ 8.5867, 9.2392,
13.1353

■ 14.5428, 15.0255,
13.9383

■ 7.4818, 8.0945,
12.9726

■ 16.4425, 16.7913,
14.1790

■ 6.5190, 7.0629,
12.8242

■ 18.5160, 18.6913,
14.4364

■ 5.6916, 6.1403,
12.6898

■ 20.7680, 20.7285,
14.7109

■ 4.9925, 5.3222,
12.5687

■ 23.2027, 22.9057,
15.0029

■ 4.4140, 4.6035,
12.4605

■ 25.8244, 25.2258,
15.3125

■ 3.9472, 3.9789,
12.3645

■ 28.6370, 27.6915,
15.6402

■ 3.5760, 3.4389,
12.2799

■ 31.6444, 30.3054,
15.9862

Harmonies

Analogous

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



11.1556, 11.8831, 13.3574



11.2461, 11.8831, 13.5053



11.3501, 11.8831, 13.4998

Triad

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



11.2461, 11.8831, 13.5053



11.4888, 11.8831, 12.7803



11.1505, 11.8831, 12.5432

Complementary

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



11.2461, 11.8831, 13.5053



11.4858, 12.0281, 12.5429

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.



11.2391, 11.8831, 12.3934



11.2461, 11.8831, 13.5053



11.4346, 11.8831, 12.5288

Square

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



11.2461, 11.8831, 13.5053



11.4907, 11.8831, 13.0781



11.3431, 11.8831, 12.3881



11.1006, 11.8831, 12.8003

Rectangle

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



11.2461, 11.8831, 13.5053



11.4132, 11.8831, 13.4097



11.3431, 11.8831, 12.3881



11.1767, 11.8831, 12.4788

Sweetspot

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



11.2464, 11.8836, 13.5056



20.0725, 21.1415, 23.2727



11.3359, 12.2186, 13.0541



4.7769, 5.0308, 5.5325



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.



11.2464, 11.8836, 13.5056



19.0134, 20.1138, 23.1302



11.0698, 11.5303, 13.4467



2.6655, 2.8203, 3.2491



4.3572, 4.0171, 15.9334



22.3945, 19.6953, 84.8259

Inverse Universe

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



11.3957, 11.7003, 12.9676



19.3377, 19.7189, 21.9604



11.6668, 12.3901, 12.6032



2.7125, 2.7631, 3.0794



7.4250, 3.7449, 4.0919



39.2208, 19.8277, 19.5145

Previews

White Background



This preview shows how the XYZ color 11.2461, 11.8831, 13.5053 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 11.2461, 11.8831, 13.5053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

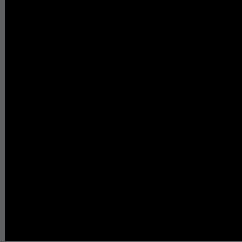
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.2461, 11.8831, 13.5053

Background



This preview shows how black text looks on a background with the XYZ color 11.2461, 11.8831, 13.5053.



This preview shows how white text looks on a background with the XYZ color 11.2461, 11.8831,

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

11.2461, 11.8831, 13.5053

Protanopia

11.4720, 11.8633, 13.4896

Deuteranopia

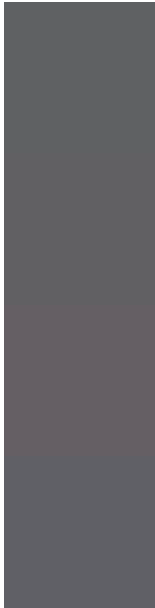
12.1287, 11.9288, 13.7198



Tritanopia

11.5054, 11.8520, 14.7780

Trichromacy



Original Color

11.2461, 11.8831, 13.5053

Protanomaly

11.3648, 11.8080, 13.4846

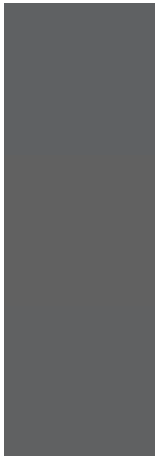
Deuteranomaly

11.7593, 11.8712, 13.7282

Tritanomaly

11.4050, 11.8118, 14.2492

Monochromacy



Original Color

11.2461, 11.8831, 13.5053

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.3032, 11.9180, 13.2599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2461, 11.8831, 13.5053 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(95, 97, 99) looks like.

```
.text, #text, p{  
    color:rgb(95, 97, 99)  
}
```

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(95, 97, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 97, 99) }
```

Border

The CSS property to change the border of an element to XYZ 11.2461, 11.8831, 13.5053 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(95, 97, 99) }
```


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

```
.border{ border-color:rgb(95, 97, 99) }
```

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

Here you see how a box with a 4 pixel rgb(95, 97, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 97, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 97, 99);  
box-shadow:4px 4px 4px 4px rgb(95, 97, 99)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.2461, 11.8831, 13.5053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 97, 99) }
```

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

```
.background{ background-color: rgb(95, 97,  
99) }
```

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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