

Converting Colors

XYZ(8.8171, 10.0814, 3.2730)

Have a look what the booklet for
XYZ(8.8171, 10.0814, 3.2730)
contains.

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Color

**XYZ(8.8103, 10.0550,
3.3102)**

Conversions

Conversions Part 1

Format	Color
Hex	5F5B26
RGB	95, 91, 38
RGB Percent	37%, 36%, 15%
CMY	0.6274, 0.6431, 0.8510
CMYK	0.00, 0.04, 0.60, 0.63
HSL	56°, 43%, 26%
HSV	56°, 60%, 37%
XYZ	8.8103, 10.0550, 3.3102
YIQ	86.1540, 19.3970, -15.6350

Conversions

Conversions Part 2

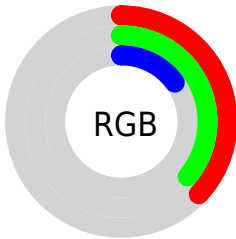
Format	Color
R_{YB}	42, 95, 38
Decimal	6249254
CIE Lab	37.94, -6.22, 30.58
CIE LCh	38, 31.207, 101.497
Yxy	10.0550, 0.3973, 0.4534
Android (android.graphics.Color)	4284439334 (0xFF5F5B26)
YUV	86.1540, -23.7399, 7.7579
Hunter-Lab	31.7096, -5.8968, 16.0074

Details

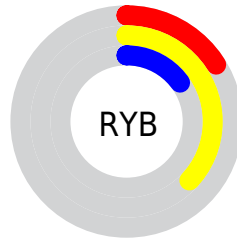
The XYZ color **8.8103, 10.0550, 3.3102** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3.6929, 2.8942, 11.1906**, and the grayscale version is **8.9244, 9.3891, 10.2248**.

A 20% lighter version of the original color is **23.1972, 25.9087, 12.3726**, and **2.1573, 2.5052, 0.3698** is the 20% darker color. If you saturate the color by 10%, you get **8.6196, 9.8883, 2.5847**, and if you desaturate by 10%, it is **9.0412, 10.2393, 4.2426**.

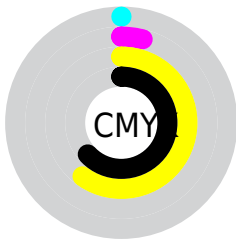
Distribution



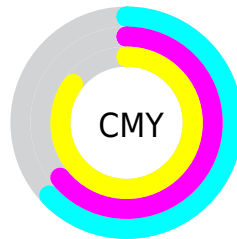
- Red (37%)
- Green (36%)
- Blue (15%)



- Red (16%)
- Yellow (37%)
- Blue (15%)



- Cyan (0%)
- Magenta (4%)
- Yellow (60%)
- Black (63%)



- Cyan (63%)
- Magenta (64%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.8103, 10.0550, 3.3102 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 8.8103, 10.0550, 3.3102 by changing the saturation by 10% instead.

8.8103, 10.0550,
3.3102

8.8103, 10.0550,
3.3102

176.1936,
191.0642, 140.2184

4.6738, 5.4354,
1.2551

23.2028, 25.8989,
12.3847

2.0899, 2.5049,
0.0246

34.1896, 37.8920,
20.2413

0.6837, 0.8791,
0.0000

48.1904, 53.1118,
30.8687

0.0000, 0.0000,
0.0000

65.5707, 71.9426,
44.6856

86.6958, 94.7689,
62.1105

111.9310,

121.9749, 83.5619

141.6419,
153.9452, 109.4583

8.8103, 10.0550,
3.3102

8.8103, 10.0550,
3.3102

8.6196, 9.8883,
2.5847

9.0412, 10.2393,
4.2426

8.4653, 9.7367,
2.0494

9.3142, 10.4408,
5.3955

8.3441, 9.5991,
1.6859

9.6321, 10.6612,
6.7823

8.2368, 9.4678,
1.3934

9.9972, 10.9012,
8.4151

8.2368, 9.4678,
1.3933

10.4116, 11.1618,
10.3050

■ 10.8773, 11.4437,
12.4625

■ 11.3962, 11.7477,
14.8977

■ 11.9701, 12.0746,
17.6200

■ 12.6007, 12.4249,
20.6382

Harmonies

Analogous

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



10.8310, 10.0550, 3.4697



8.8103, 10.0550, 3.3102



7.2272, 10.0550, 4.5943

Triad

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



8.8103, 10.0550, 3.3102



6.9547, 10.0550, 19.9944



13.6905, 10.0550, 14.8315

Complementary

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



8.8103, 10.0550, 3.3102



3.6929, 2.8942, 11.1906

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.



12.3402, 10.0550, 21.4514



8.8103, 10.0550, 3.3102



8.3870, 10.0550, 25.0781

Square

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



8.8103, 10.0550, 3.3102



6.2602, 10.0550, 13.2950



10.3447, 10.0550, 25.6888



13.8458, 10.0550, 8.8952

Rectangle

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



8.8103, 10.0550, 3.3102



6.5584, 10.0550, 6.4860



10.3447, 10.0550, 25.6888



13.3534, 10.0550, 17.0947

Sweetspot

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



8.8105, 10.0555, 3.3104



17.2206, 18.7335, 14.8585



5.8440, 3.9919, 2.7242



4.0942, 4.4683, 3.4145



48.1978, 50.7079, 55.2208



4.4639, 4.6964, 5.1144

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



8.8105, 10.0555, 3.3104



14.6461, 16.8251, 4.0097



7.0591, 9.6736, 3.3290



2.7490, 2.9412, 2.7669



11.6912, 13.4251, 1.9751



62.1910, 71.1879, 10.4628

Inverse Universe

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



3.6929, 2.8942, 11.1906



4.9805, 3.3081, 18.9186



4.7298, 3.2287, 11.2005



2.4633, 2.5412, 3.2059



3.0212, 1.3452, 15.4881



15.8812, 6.6686, 82.6547

Previews

White Background



This preview shows how the XYZ color 8.8103, 10.0550, 3.3102 looks on a white background.

Color Contrast Check

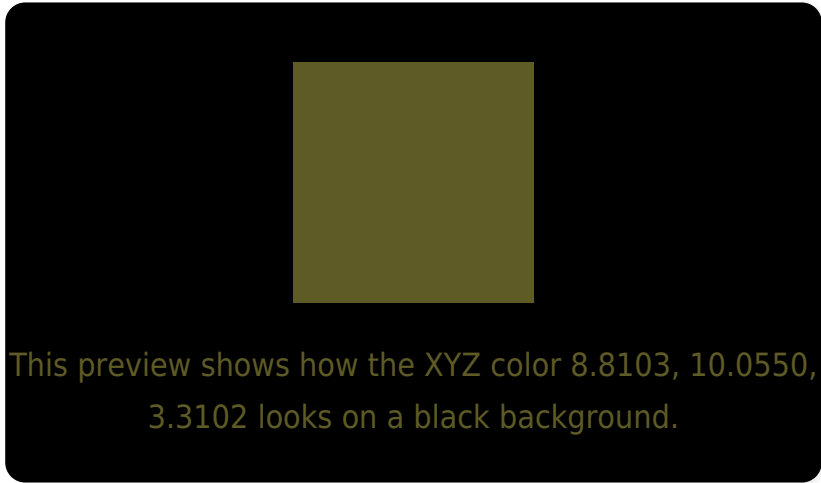
Large Text (above 18pt) WCAG AA ✓ Pass

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 8.8103, 10.0550, 3.3102

Background



This preview shows how black text looks on a background with the XYZ color 8.8103, 10.0550, 3.3102.



This preview shows how white text looks on a background with the XYZ color 8.8103, 10.0550,

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

8.8103, 10.0550, 3.3102

Protanopia

9.0678, 9.9373, 3.2739

Deuteranopia

10.1870, 10.0297, 3.4065



Tritanopia

10.4358, 9.9790, 11.5013

Trichromacy



Original Color

8.8103, 10.0550, 3.3102

Protanomaly

9.0430, 10.0489, 3.2967

Deuteranomaly

9.6001, 9.9661, 3.3371

Tritanomaly

9.6149, 9.8809, 7.5313

Monochromacy



Original Color

8.8103, 10.0550, 3.3102

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

8.6837, 9.5330, 7.0126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.8103, 10.0550, 3.3102 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, 91, 38) looks like.

```
.text, #text, p{  
    color:rgb(95, 91, 38)  
}
```

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, 91, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 91, 38) }
```

Border

The CSS property to change the border of an element to XYZ 8.8103, 10.0550, 3.3102 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, 91, 38) }
```


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

```
.border{ border-color:rgb(95, 91, 38) }
```

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

Here you see how a box with a 4 pixel rgb(95, 91, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 91, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 91, 38);  
box-shadow:4px 4px 4px 4px rgb(95, 91, 38)  
}
```

Background

The CSS property to change the background color of an element to XYZ 8.8103, 10.0550, 3.3102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 91, 38) }
```

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

```
.background{ background-color: rgb(95, 91,  
38) }
```

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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