

Converting Colors

XYZ(9.0871, 10.1861, 3.0974)

Have a look what the booklet for
XYZ(9.0871, 10.1861, 3.0974)
contains.

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Color

**XYZ(9.0815, 10.2002,
3.0803)**

Conversions

Conversions Part 1

Format	Color
Hex	625B23
RGB	98, 91, 35
RGB Percent	38%, 36%, 14%
CMY	0.6157, 0.6431, 0.8627
CMYK	0.00, 0.07, 0.64, 0.62
HSL	53°, 47%, 26%
HSV	53°, 64%, 38%
XYZ	9.0815, 10.2002, 3.0803
YIQ	86.7090, 22.1480, -15.9320

Conversions

Conversions Part 2

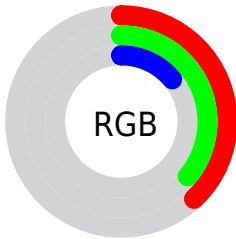
Format	Color
R_{YB}	43, 98, 35
Decimal	6445859
CIE _{Lab}	38.20, -5.04, 32.51
CIE _{LCh}	38, 32.894, 98.805
Yxy	10.2002, 0.4061, 0.4561
Android (android.graphics.Color)	4284635939 (0xFF625B23)
YUV	86.7090, -25.4925, 9.9022
Hunter-Lab	31.9378, -5.1346, 16.6381

Details

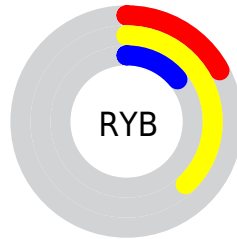
The XYZ color **9.0815, 10.2002, 3.0803** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3.7257, 2.8951, 11.9178**, and the grayscale version is **9.0465, 9.5176, 10.3647**.

A 20% lighter version of the original color is **23.8104, 26.2383, 11.7922**, and **2.2924, 2.6321, 0.3872** is the 20% darker color. If you saturate the color by 10%, you get **8.8636, 9.9656, 2.3875**, and if you desaturate by 10%, it is **9.3419, 10.4547, 3.9882**.

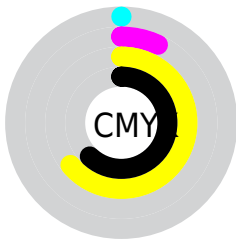
Distribution



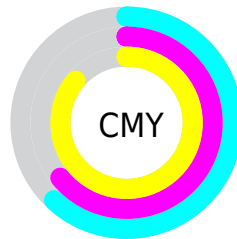
- Red (38%)
- Green (36%)
- Blue (14%)



- Red (17%)
- Yellow (38%)
- Blue (14%)



- Cyan (0%)
- Magenta (7%)
- Yellow (64%)
- Black (62%)



- Cyan (62%)
- Magenta (64%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.0815, 10.2002, 3.0803 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 9.0815, 10.2002, 3.0803 by changing the saturation by 10% instead.

9.0815, 10.2002,
3.0803

9.0815, 10.2002,
3.0803

178.1789,
192.0950, 137.3769

4.8519, 5.5319,
1.1358

23.7186, 26.1714,
11.8259

2.1945, 2.5626,
0.0000

34.8568, 38.2430,
19.4642

0.7398, 0.9079,
0.0000

49.0286, 53.5513,
29.8373

0.0000, 0.0000,
0.0000

66.5994, 72.4805,
43.3641

87.9344, 95.4151,
60.4628

113.3991,

122.7395, 81.5522

143.3588,
154.8380, 107.0507

9.0815, 10.2002,
3.0803

9.0815, 10.2002,
3.0803

8.8636, 9.9656,
2.3875

9.3419, 10.4547,
3.9882

8.6840, 9.7481,
1.8910

9.6472, 10.7290,
5.1270

8.5359, 9.5453,
1.5534

10.0005, 11.0246,
6.5115

8.4545, 9.4317,
1.3749

10.4043, 11.3427,
8.1552

10.8609, 11.6840,
10.0707

■ 11.3727, 12.0497,
12.2695

■ 11.9417, 12.4404,
14.7627

■ 12.5698, 12.8570,
17.5608

■ 13.2591, 13.3003,
20.6736

Harmonies

Analogous

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



11.2522, 10.2002, 3.3674



9.0815, 10.2002, 3.0803



7.3484, 10.2002, 4.2444

Triad

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



9.0815, 10.2002, 3.0803



6.8410, 10.2002, 20.1969



14.0364, 10.2002, 15.9091

Complementary

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



9.0815, 10.2002, 3.0803



3.7257, 2.8951, 11.9178

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.



12.4945, 10.2002, 22.9825



9.0815, 10.2002, 3.0803



8.2885, 10.2002, 26.0230

Square

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



9.0815, 10.2002, 3.0803



6.1850, 10.2002, 13.0002



10.3355, 10.2002, 27.1958



14.3312, 10.2002, 9.4059

Rectangle

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



9.0815, 10.2002, 3.0803



6.5968, 10.2002, 6.0718



10.3355, 10.2002, 27.1958



13.6370, 10.2002, 18.3559

Sweetspot

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



9.0817, 10.2007, 3.0805



18.5986, 20.1543, 15.8144



6.0623, 3.9685, 2.6701



4.3836, 4.7626, 3.6037



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.



9.0817, 10.2007, 3.0805



15.3671, 17.2693, 3.7070



7.4837, 10.3067, 3.1852



2.7408, 2.9250, 2.7642



11.2396, 12.5220, 1.8246



59.6467, 66.0994, 9.6147

Inverse Universe

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



3.7257, 2.8951, 11.9178



5.1459, 3.3445, 20.6243



4.6183, 3.0184, 11.8945



2.4707, 2.5559, 3.2084



3.0729, 1.4486, 15.5053



16.0670, 7.0402, 82.7167

Previews

White Background



This preview shows how the XYZ color 9.0815, 10.2002, 3.0803 looks on a white background.

Color Contrast Check

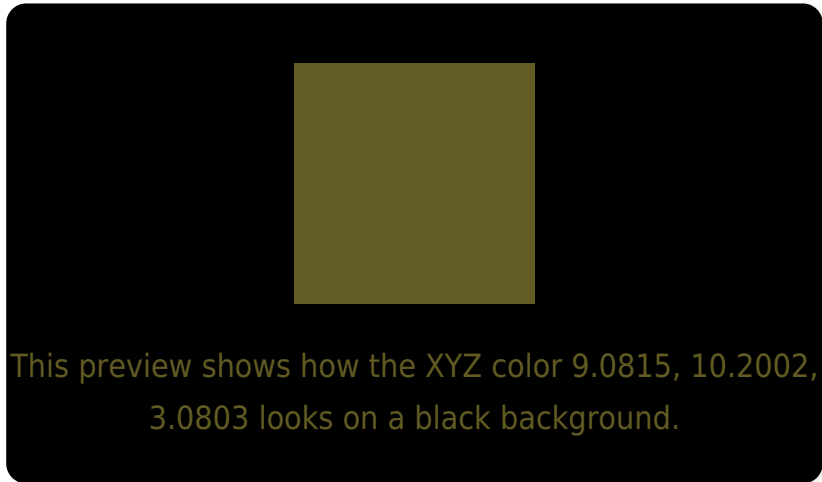
Large Text (above 18pt) WCAG AA ✓ Pass

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 9.0815, 10.2002, 3.0803

Background



This preview shows how black text looks on a background with the XYZ color 9.0815, 10.2002, 3.0803.



This preview shows how white text looks on a background with the XYZ color 9.0815, 10.2002,

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

9.0815, 10.2002, 3.0803

Protanopia

9.2151, 10.1430, 3.0622

Deuteranopia

10.3438, 10.2339, 3.1804



Tritanopia

10.7738, 10.1533, 11.5172

Trichromacy



Original Color

9.0815, 10.2002, 3.0803

Protanomaly

9.1051, 10.0863, 3.0571

Deuteranomaly

9.8716, 10.2326, 3.1239

Tritanomaly

9.9124, 10.0380, 7.3763

Monochromacy



Original Color

9.0815, 10.2002, 3.0803

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

8.8475, 9.6209, 6.8596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.0815, 10.2002, 3.0803 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(98, 91, 35) looks like.

```
.text, #text, p{  
    color:rgb(98, 91, 35)  
}
```

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(98, 91, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 91, 35) }
```

Border

The CSS property to change the border of an element to XYZ 9.0815, 10.2002, 3.0803 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(98, 91, 35) }
```


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

```
.border{ border-color:rgb(98, 91, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 91, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 91, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 91, 35);  
box-shadow:4px 4px 4px 4px rgb(98, 91, 35)  
}
```

Background

The CSS property to change the background color of an element to XYZ 9.0815, 10.2002, 3.0803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 91, 35) }
```

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

```
.background{ background-color: rgb(98, 91,  
35) }
```

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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