

Converting Colors

XYZ(9.6709, 10.8678, 5.7726)

Have a look what the booklet for
XYZ(9.6709, 10.8678, 5.7726)
contains.

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Color

**XYZ(9.6160, 10.8080,
5.7170)**

Conversions

Conversions Part 1

Format	Color
Hex	605E3B
RGB	96, 94, 59
RGB Percent	38%, 37%, 23%
CMY	0.6235, 0.6314, 0.7686
CMYK	0.00, 0.02, 0.39, 0.62
HSL	57°, 24%, 30%
HSV	57°, 39%, 38%
XYZ	9.6160, 10.8080, 5.7170
YIQ	90.6080, 12.4270, -10.4610

Conversions

Conversions Part 2

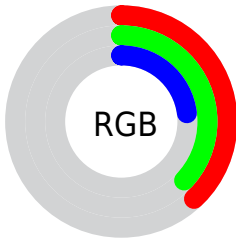
Format	Color
RYB	61, 96, 59
Decimal	6315579
CIELab	39.26, -5.19, 20.38
CIELCh	39, 21.026, 104.282
Yxy	10.8080, 0.3679, 0.4135
Android (android.graphics.Color)	4284505659 (0xFF605E3B)
YUV	90.6080, -15.5827, 4.7288
Hunter-Lab	32.8755, -5.3214, 12.7024

Details

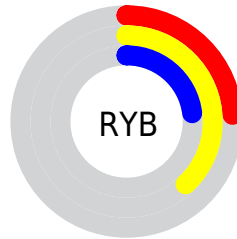
The XYZ color **9.6160, 10.8080, 5.7170** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5.5837, 5.1116, 11.7587**, and the grayscale version is **9.8875, 10.4024, 11.3282**.

A 20% lighter version of the original color is **24.6597, 27.2111, 17.8625**, and **2.4171, 2.8043, 0.9041** is the 20% darker color. If you saturate the color by 10%, you get **9.3438, 10.6260, 4.5089**, and if you desaturate by 10%, it is **9.9349, 11.0099, 7.1670**.

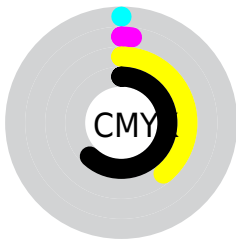
Distribution



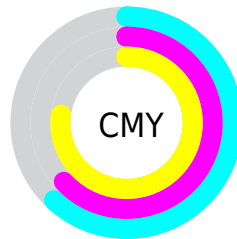
- Red (38%)
- Green (37%)
- Blue (23%)



- Red (24%)
- Yellow (38%)
- Blue (23%)



- Cyan (0%)
- Magenta (2%)
- Yellow (39%)
- Black (62%)





- Cyan (62%)
- Magenta (63%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 9.6160, 10.8080, 5.7170 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 9.6160, 10.8080, 5.7170 by changing the saturation by 10% instead.


 9.6160, 10.8080,
5.7170


 9.6160, 10.8080,
5.7170


182.0205,
196.3455, 165.7356


 5.2054, 5.9379,
2.6078

 24.7270, 27.3046,
17.8080


 2.4043, 2.8073,
0.8965


 36.1581, 39.6998,
27.6269

 0.8472, 1.0320,
0.0000

 50.6600, 55.3722,
40.5194

 0.0000, 0.0000,
0.0000

 68.5982, 74.7062,
56.9042

 90.3380, 98.0861,
77.1996

 116.2448,

125.8964, 101.8243

146.6838,
158.5214, 131.1968

■ 9.6160, 10.8080,
5.7170

■ 9.6160, 10.8080,
5.7170

■ 9.3438, 10.6260,
4.5089

■ 9.9349, 11.0099,
7.1670

■ 9.1149, 10.4615,
3.5286

■ 10.3020, 11.2312,
8.8704

■ 8.9269, 10.3138,
2.7621

■ 10.7197, 11.4733,
10.8389

■ 8.7767, 10.1817,
2.1929

■ 11.1901, 11.7369,
13.0832

■ 8.6607, 10.0638,
1.8027

■ 11.7150, 12.0229,
15.6134

■ 8.5636, 9.9539,
1.5102

■ 12.2964, 12.3319,
18.4391

■ 8.5494, 9.9379,
1.4676

■ 12.9359, 12.6646,
21.5695

■ 13.6352, 13.0219,
25.0133

■ 14.3960, 13.4041,
28.7790

Harmonies

Analogous

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



11.0275, 10.8080, 5.7483



9.6160, 10.8080, 5.7170



8.4878, 10.8080, 7.0248

Triad

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



9.6160, 10.8080, 5.7170



8.4454, 10.8080, 18.0896



13.1205, 10.8080, 14.0076

Complementary

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



9.6160, 10.8080, 5.7170



5.5837, 5.1116, 11.7587

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.



12.2917, 10.8080, 18.2741



9.6160, 10.8080, 5.7170



9.5531, 10.8080, 20.9748

Square

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



9.6160, 10.8080, 5.7170



7.8552, 10.8080, 13.7969



10.9586, 10.8080, 21.0492



13.1413, 10.8080, 9.9486

Rectangle

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



9.6160, 10.8080, 5.7170



8.0113, 10.8080, 8.7004



10.9586, 10.8080, 21.0492



12.9240, 10.8080, 15.4834

Sweetspot

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



9.6163, 10.8085, 5.7172



18.4875, 19.9316, 17.6121



7.2428, 5.9568, 5.2492



4.5759, 4.9406, 4.3049



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.



9.6163, 10.8085, 5.7172



16.4184, 18.6488, 8.1191



8.2778, 10.3856, 5.7061



2.7522, 2.9476, 2.7680



11.8764, 13.7956, 2.0369



63.2374, 73.2808, 10.8116

Inverse Universe

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



5.5837, 5.1116, 11.7587



8.2721, 7.1421, 20.3279



6.5796, 5.4698, 11.7753



2.4604, 2.5353, 3.2049



3.0015, 1.3058, 15.4815



15.8268, 6.5597, 82.6366

Previews

White Background



This preview shows how the XYZ color 9.6160, 10.8080, 5.7170 looks on a white background.

Color Contrast Check

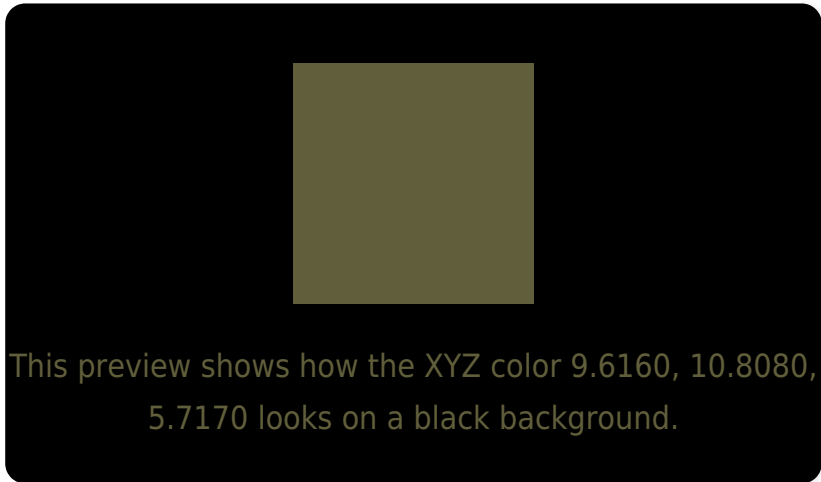
Large Text (above 18pt) WCAG AA ✓ Pass

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

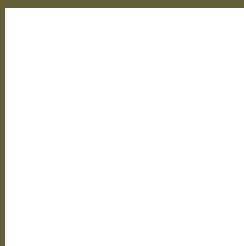
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 9.6160, 10.8080, 5.7170

Background



This preview shows how black text looks on a background with the XYZ color 9.6160, 10.8080, 5.7170.



This preview shows how white text looks on a background with the XYZ color 9.6160, 10.8080,

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

9.6160, 10.8080, 5.7170

Protanopia

9.9577, 10.7265, 5.5486

Deuteranopia

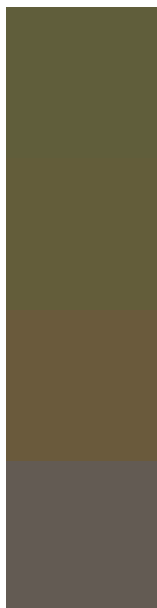
10.8609, 10.6852, 5.7650



Tritanopia

10.9392, 10.6986, 12.5548

Trichromacy



Original Color

9.6160, 10.8080, 5.7170

Protanomaly

9.8237, 10.7868, 5.5673

Deuteranomaly

10.4156, 10.7027, 5.7918

Tritanomaly

10.4480, 10.7594, 9.7097

Monochromacy



Original Color

9.6160, 10.8080, 5.7170

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

9.7526, 10.5460, 8.9187

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.6160, 10.8080, 5.7170 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(96, 94, 59) looks like.

```
.text, #text, p{  
    color:rgb(96, 94, 59)  
}
```

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(96, 94, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 94, 59) }
```

Border

The CSS property to change the border of an element to XYZ 9.6160, 10.8080, 5.7170 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(96, 94, 59) }
```


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

```
.border{ border-color:rgb(96, 94, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 94, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 94, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 94, 59);  
box-shadow:4px 4px 4px 4px rgb(96, 94, 59)  
}
```

Background

The CSS property to change the background color of an element to XYZ 9.6160, 10.8080, 5.7170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 94, 59) }
```

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

```
.background{ background-color: rgb(96, 94,  
59) }
```

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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