

Converting Colors

XYZ(9.8191, 17.1458, 10.5576)

Have a look what the booklet for
XYZ(9.8191, 17.1458, 10.5576)
contains.

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Color

**XYZ(9.8241, 17.1418,
10.5755)**

Conversions

Conversions Part 1

Format	Color
Hex	078451
RGB	7, 132, 81
RGB Percent	3%, 52%, 32%
CMY	0.9725, 0.4823, 0.6823
CMYK	0.95, 0.00, 0.39, 0.48
HSL	156°, 90%, 27%
HSV	156°, 95%, 52%
XYZ	9.8241, 17.1418, 10.5755
YIQ	88.8110, -58.1290, -42.3610

Conversions

Conversions Part 2

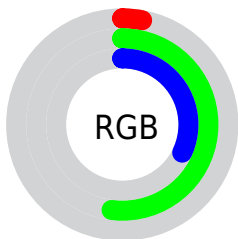
Format	Color
RYB	7, 86, 132
Decimal	492625
CIELab	48.44, -43.10, 19.17
CIELCh	48, 47.170, 156.026
Yxy	17.1418, 0.2617, 0.4566
Android (android.graphics.Color)	4278682705 (0xFF078451)
YUV	88.8110, -3.8508, -71.7482
Hunter-Lab	41.4027, -30.0998, 13.8374

Details

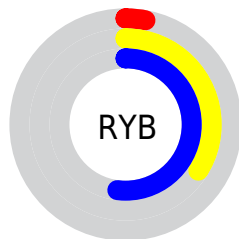
The XYZ color **9.8241, 17.1418, 10.5755** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **10.3560, 5.3634, 4.4934**, and the grayscale version is **9.4718, 9.9651, 10.8520**.

A 20% lighter version of the original color is **25.1353, 38.5503, 27.5889**, and **3.2458, 6.0062, 2.5784** is the 20% darker color. If you saturate the color by 10%, you get **9.6319, 17.0553, 10.0189**, and if you desaturate by 10%, it is **10.2397, 17.3322, 11.6919**.

Distribution



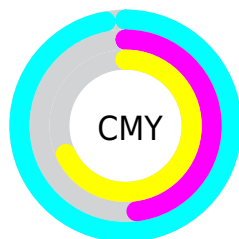
- Red (3%)
- Green (52%)
- Blue (32%)



- Red (3%)
- Yellow (34%)
- Blue (52%)



- Cyan (95%)
- Magenta (0%)
- Yellow (39%)
- Black (48%)



- Cyan (97%)
- Magenta (48%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.8241, 17.1418, 10.5755 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 9.8241, 17.1418, 10.5755 by changing the saturation by 10% instead.

■ 9.8241, 17.1418,
10.5755

■ 9.8241, 17.1418,
10.5755

183.4920,
235.9882, 205.3634

■ 5.3439, 10.3356,
5.6716

■ 25.1168, 38.5694,
27.4970

■ 2.4872, 5.6221,
2.5809

■ 36.6600, 53.9597,
40.3517

■ 0.8888, 2.6167,
0.8826

■ 51.2882, 72.9801,
56.6938

■ 0.0000, 0.9350,
0.0000

■ 69.3668, 96.0150,
76.9418

■ 0.0000, 0.0000,
0.0000

■ 91.2611, 123.4489,
101.5142

■ 117.3365,

155.6662, 130.8295

147.9583,
193.0511, 165.3064

■ 9.8241, 17.1418,
10.5755

■ 9.8241, 17.1418,
10.5755

■ 9.6319, 17.0553,
10.0189

■ 10.2397, 17.3322,
11.6919

■ 10.8138, 17.6020,
12.9009

■ 11.5709, 17.9643,
14.2059

■ 12.5289, 18.4280,
15.6093

■ 13.7029, 19.0012,
17.1136

■ 15.1070, 19.6909,
18.7211

■ 16.7538, 20.5036,
20.4340

■ 18.6551, 21.4454,
22.2545

■ 20.8217, 22.5219,
24.1846

Harmonies

Analogous

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



11.8820, 17.1418, 5.2842



9.8241, 17.1418, 10.5755



9.3534, 17.1418, 21.2730

Triad

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



9.8241, 17.1418, 10.5755



17.1798, 17.1418, 53.6933



23.9704, 17.1418, 7.8832

Complementary

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



9.8241, 17.1418, 10.5755



10.3560, 5.3634, 4.4934

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.



26.0205, 17.1418, 16.2784



9.8241, 17.1418, 10.5755



21.6788, 17.1418, 45.2485

Square

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



9.8241, 17.1418, 10.5755



13.1473, 17.1418, 49.9034



25.1154, 17.1418, 30.0863



19.9037, 17.1418, 4.2795

Rectangle

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



9.8241, 17.1418, 10.5755



9.9140, 17.1418, 31.1595



25.1154, 17.1418, 30.0863



24.9481, 17.1418, 10.0560

Sweetspot

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



9.8245, 17.1425, 10.5759



28.3175, 35.5262, 34.7841



10.0988, 17.4510, 3.0373



6.3428, 8.1478, 7.8364



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



9.8245, 17.1425, 10.5759



16.8904, 30.0115, 17.2505



11.1615, 15.5288, 24.2397



4.7233, 5.2476, 5.5542



9.3284, 16.5142, 9.7147



0.0359, 0.0587, 0.0528

Inverse Universe

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



10.3560, 5.3634, 4.4934



17.8583, 9.0796, 6.5578



9.7615, 5.3352, 0.7165



4.7455, 4.7179, 5.2721



9.8576, 5.0074, 3.8227



0.0376, 0.0187, 0.0315

Previews

White Background



This preview shows how the XYZ color 9.8241, 17.1418, 10.5755 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 9.8241, 17.1418, 10.5755 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 9.8241, 17.1418, 10.5755

Background



This preview shows how black text looks on a background with the XYZ color 9.8241, 17.1418, 10.5755.



This preview shows how white text looks on a background with the XYZ color 9.8241, 17.1418,

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

9.8241, 17.1418, 10.5755

Protanopia

15.5655, 16.8141, 8.9036

Deuteranopia

17.2473, 16.9746, 11.1715



Tritanopia

12.9965, 17.0732, 25.9030

Trichromacy



Original Color

9.8241, 17.1418, 10.5755



Protanomaly

11.5703, 15.9599, 9.4919



Deuteranomaly

12.1032, 15.6717, 10.7745



Tritanomaly

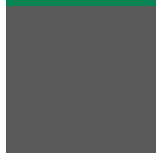
11.4988, 17.0226, 19.2026

Monochromacy



Original Color

9.8241, 17.1418, 10.5755



Achromatopsia

9.4954, 9.9899, 10.8790



Achromatomaly

8.5349, 11.7048, 10.6135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.8241, 17.1418, 10.5755 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(7, 132, 81)` looks like.

```
.text, #text, p{  
    color:rgb(7, 132, 81)  
}
```

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(7, 132, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 132, 81) }
```

Border

The CSS property to change the border of an element to XYZ 9.8241, 17.1418, 10.5755 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(7, 132, 81) }
```


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

```
.border{ border-color:rgb(7, 132, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 132, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 132, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 132, 81);  
box-shadow:4px 4px 4px 4px rgb(7, 132, 81)  
}
```

Background

The CSS property to change the background color of an element to XYZ 9.8241, 17.1418, 10.5755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 132, 81) }
```

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

```
.background{ background-color: rgb(7, 132,  
81) }
```

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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