

Converting Colors

XYZ(9.9366, 17.7267, 9.0555)

Have a look what the booklet for
XYZ(9.9366, 17.7267, 9.0555)
contains.

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Color

**XYZ(9.8759, 17.6114,
9.0097)**

Conversions

Conversions Part 1

Format	Color
Hex	0E8648
RGB	14, 134, 72
RGB Percent	5%, 53%, 28%
CMY	0.9451, 0.4745, 0.7176
CMYK	0.90, 0.00, 0.46, 0.47
HSL	149°, 81%, 29%
HSV	149°, 90%, 53%
XYZ	9.8759, 17.6114, 9.0097
YIQ	91.0520, -51.6180, -44.7220

Conversions

Conversions Part 2

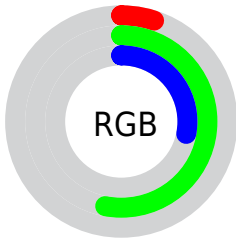
Format	Color
RYB	14, 95, 134
Decimal	951880
CIELab	49.02, -45.20, 24.95
CIELCh	49, 51.632, 151.100
Yxy	17.6114, 0.2706, 0.4825
Android (android.graphics.Color)	4279141960 (0xFF0E8648)
YUV	91.0520, -9.3926, -67.5746
Hunter-Lab	41.9659, -31.4338, 16.6471

Details

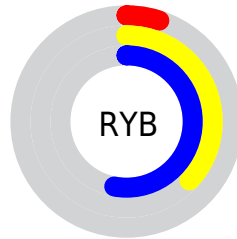
The XYZ color **9.8759, 17.6114, 9.0097** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **11.2937, 5.9046, 7.3831**, and the grayscale version is **9.9855, 10.5055, 11.4405**.

A 20% lighter version of the original color is **25.0906, 39.2317, 24.3392**, and **3.2797, 6.2611, 2.0129** is the 20% darker color. If you saturate the color by 10%, you get **9.4894, 17.4373, 7.8785**, and if you desaturate by 10%, it is **10.3968, 17.8528, 10.2809**.

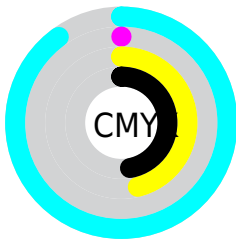
Distribution



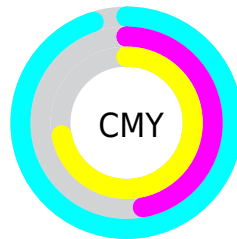
- Red (5%)
- Green (53%)
- Blue (28%)



- Red (5%)
- Yellow (37%)
- Blue (53%)



- Cyan (90%)
- Magenta (0%)
- Yellow (46%)
- Black (47%)



- Cyan (95%)
- Magenta (47%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.8759, 17.6114, 9.0097 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 9.8759, 17.6114, 9.0097 by changing the saturation by 10% instead.

■ 9.8759, 17.6114,
9.0097

■ 9.8759, 17.6114,
9.0097

183.8562,
238.6715, 193.6710

■ 5.3784, 10.6714,
4.6506

■ 25.2136, 39.3740,
24.4934

■ 2.5080, 5.8463,
1.9886

■ 36.7845, 54.9654,
36.4551

■ 0.8993, 2.7518,
0.5483

■ 51.4440, 74.2094,
51.7880

■ 0.0000, 1.0036,
0.0000

■ 69.5573, 97.4903,
70.9108

■ 0.0000, 0.0000,
0.0000

■ 91.4898, 125.1926,
94.2420

■ 117.6069,

157.7006, 122.2000

148.2739,
195.3988, 155.2035

■ 9.8759, 17.6114,
9.0097

■ 9.8759, 17.6114,
9.0097

■ 9.4894, 17.4373,
7.8785

■ 10.3968, 17.8528,
10.2809

■ 9.4727, 17.4297,
7.8304

■ 11.1058, 18.1877,
11.6975

■ 12.0236, 18.6271,
13.2649

■ 13.1675, 19.1799,
14.9878

■ 14.5532, 19.8540,
16.8706

■ 16.1947, 20.6566,
18.9174

■ 18.1050, 21.5943,
21.1324

■ 20.2960, 22.6733,
23.5193

■ 22.7792, 23.8993,
26.0821

Harmonies

Analogous

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



12.4008, 17.6114, 4.2597



9.8759, 17.6114, 9.0097



9.0885, 17.6114, 19.6889

Triad

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



9.8759, 17.6114, 9.0097



16.9173, 17.6114, 59.7371



25.9761, 17.6114, 8.4878

Complementary

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



9.8759, 17.6114, 9.0097



11.2937, 5.9046, 7.3831

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.



27.7972, 17.6114, 18.6718



9.8759, 17.6114, 9.0097



21.9869, 17.6114, 51.9863

Square

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



9.8759, 17.6114, 9.0097



12.6543, 17.6114, 52.9813



26.2149, 17.6114, 35.0423



21.6201, 17.6114, 4.0758

Rectangle

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



9.8759, 17.6114, 9.0097



9.5065, 17.6114, 30.3828



26.2149, 17.6114, 35.0423



26.9387, 17.6114, 11.1317

Sweetspot

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



9.8763, 17.6121, 9.0101



29.1522, 36.6974, 34.0685



11.7469, 18.7024, 3.4065



6.3666, 8.1690, 7.4347



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.



9.8763, 17.6121, 9.0101



16.6131, 30.6778, 13.3936



12.7360, 18.7560, 24.0689



4.7031, 5.2395, 5.4477



8.8824, 16.3358, 7.3664



0.0344, 0.0581, 0.0448

Inverse Universe

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



11.2937, 5.9046, 7.3831



19.1504, 9.6612, 10.4379



10.0982, 5.4264, 1.0877



4.7655, 4.7259, 5.3777



10.2326, 5.1574, 5.7971



0.0391, 0.0193, 0.0395

Previews

White Background



This preview shows how the XYZ color 9.8759, 17.6114, 9.0097 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 9.8759, 17.6114, 9.0097 looks on a black 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

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

XYZ 9.8759, 17.6114, 9.0097

Background



This preview shows how black text looks on a background with the XYZ color 9.8759, 17.6114, 9.0097.



This preview shows how white text looks on a background with the XYZ color 9.8759, 17.6114,

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

9.8759, 17.6114, 9.0097

Protanopia

15.9519, 17.3845, 7.5158

Deuteranopia

17.7070, 17.4079, 9.6345



Tritanopia

13.5209, 17.7150, 26.3736

Trichromacy



Original Color

9.8759, 17.6114, 9.0097



Protanomaly

11.9641, 16.5617, 8.0350



Deuteranomaly

12.5174, 16.0951, 9.2844



Tritanomaly

11.7626, 17.5696, 18.3941

Monochromacy



Original Color

9.8759, 17.6114, 9.0097



Achromatopsia

9.9438, 10.4616, 11.3927



Achromatomaly

8.9078, 12.2122, 10.2752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.8759, 17.6114, 9.0097 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(14, 134, 72)` looks like.

```
.text, #text, p{  
    color:rgb(14, 134, 72)  
}
```

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(14, 134, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 134, 72) }
```

Border

The CSS property to change the border of an element to XYZ 9.8759, 17.6114, 9.0097 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(14, 134, 72) }
```


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

```
.border{ border-color:rgb(14, 134, 72) }
```

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

Here you see how a box with a 4 pixel rgb(14, 134, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 134, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 134, 72);  
box-shadow:4px 4px 4px 4px rgb(14, 134,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 9.8759, 17.6114, 9.0097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 134, 72) }
```

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

```
.background{ background-color: rgb(14, 134,  
72) }
```

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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