

Converting Colors

XYZ(7.7318, 16.5161, 7.0423)

Have a look what the booklet for
XYZ(7.7318, 16.5161, 7.0423)
contains.

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Color

**XYZ(9.3407, 17.3764,
7.1366)**

Conversions

Conversions Part 1

Format	Color
Hex	00863C
RGB	0, 134, 60
RGB Percent	0%, 53%, 24%
CMY	1.0000, 0.4745, 0.7647
CMYK	1.00, 0.00, 0.55, 0.47
HSL	147°, 100%, 26%
HSV	147°, 100%, 53%
XYZ	9.3407, 17.3764, 7.1366
YIQ	85.4980, -56.1100, -51.4220

Conversions

Conversions Part 2

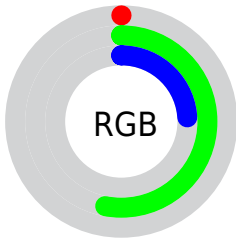
Format	Color
RYB	0, 93, 134
Decimal	34364
CIELab	48.73, -48.28, 30.97
CIELCh	49, 57.354, 147.321
Yxy	17.3764, 0.2759, 0.5133
Android (android.graphics.Color)	4278224444 (0xFF00863C)
YUV	85.4980, -12.5705, -74.9817
Hunter-Lab	41.6850, -32.9508, 19.0289

Details

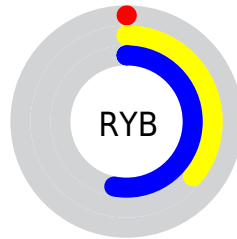
The XYZ color **9.3407, 17.3764, 7.1366** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **11.0682, 5.5631, 6.9700**, and the grayscale version is **8.7739, 9.2308, 10.0524**.

A 20% lighter version of the original color is **24.1369, 38.8199, 20.6888**, and **3.1596, 6.2131, 1.3805** is the 20% darker color. If you saturate the color by 10%, you get **9.3410, 17.3770, 7.1366**, and if you desaturate by 10%, it is **9.7227, 17.5496, 8.2486**.

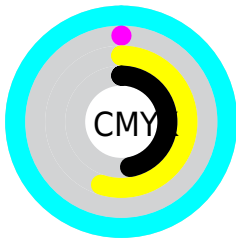
Distribution



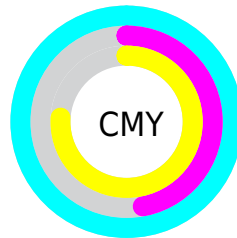
- Red (0%)
- Green (53%)
- Blue (24%)



- Red (0%)
- Yellow (36%)
- Blue (53%)



- Cyan (100%)
- Magenta (0%)
- Yellow (55%)
- Black (47%)





- Cyan (100%)
- Magenta (47%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 9.3407, 17.3764, 7.1366 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 9.3407, 17.3764, 7.1366 by changing the saturation by 10% instead.


 9.3407, 17.3764,
7.1366


 9.3407, 17.3764,
7.1366


180.0533,
237.3322, 178.4677


 5.0230, 10.5032,
3.4679


 24.2089, 38.9718,
20.7650


 2.2956, 5.7339,
1.3382

 35.4901, 54.4628,
31.5619


 0.7924, 2.6839,
0.0928

 49.8231, 73.5953,
45.5718

 0.0000, 0.9690,
0.0000

 67.5733, 96.7535,
63.2135

 0.0000, 0.0000,
0.0000

 89.1061, 124.3219,
84.9054

 114.7868,

156.6849, 111.0660

144.9807,
194.2269, 142.1140

■ 9.3407, 17.3764,
7.1366

■ 9.3407, 17.3764,
7.1366

■ 9.3410, 17.3770,
7.1366

■ 9.7227, 17.5496,
8.2486

■ 10.2355, 17.7865,
9.5149

■ 10.9392, 18.1184,
10.9438

■ 11.8543, 18.5557,
12.5413

■ 12.9984, 19.1075,
14.3131

■ 14.3874, 19.7817,
16.2645

■ 16.0354, 20.5858,
18.4004

■ 17.9558, 21.5263,
20.7258

■ 20.1607, 22.6095,
23.2454

Harmonies

Analogous

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



12.2682, 17.3764, 3.0363



9.3407, 17.3764, 7.1366



8.2880, 17.3764, 17.5893

Triad

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



9.3407, 17.3764, 7.1366



16.0443, 17.3764, 65.5735



27.3177, 17.3764, 8.4415

Complementary

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



9.3407, 17.3764, 7.1366



11.0682, 5.5631, 6.9700

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.



28.9216, 17.3764, 20.3161



9.3407, 17.3764, 7.1366



21.6454, 17.3764, 58.4677

Square

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



9.3407, 17.3764, 7.1366



11.6044, 17.3764, 55.6230



26.6574, 17.3764, 39.4430



22.6478, 17.3764, 3.4569

Rectangle

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



9.3407, 17.3764, 7.1366



8.5759, 17.3764, 29.0010



26.6574, 17.3764, 39.4430



28.2716, 17.3764, 11.4964

Sweetspot

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



9.3411, 17.3771, 7.1370



28.0445, 36.1675, 32.1584



11.5009, 18.5847, 2.9812



6.0750, 8.0294, 6.9355



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.



9.3411, 17.3771, 7.1370



16.3826, 30.5857, 12.1802



12.2316, 18.5333, 22.3578



4.6965, 5.2368, 5.4131



8.7589, 16.2864, 6.7156



0.0339, 0.0579, 0.0422

Inverse Universe

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



11.0682, 5.5631, 6.9700



19.4225, 9.7700, 11.8709



9.8809, 5.0882, 0.7180



4.7722, 4.7285, 5.4125



10.3775, 5.2153, 6.5600



0.0396, 0.0195, 0.0421

Previews

White Background



This preview shows how the XYZ color 9.3407, 17.3764, 7.1366 looks on a white background.

Color Contrast Check

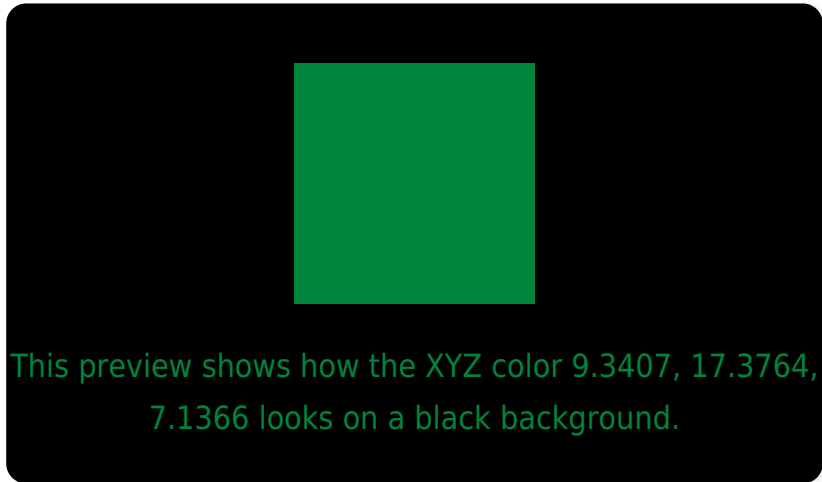
Large Text (above 18pt) WCAG AA ✓ Pass

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 9.3407, 17.3764, 7.1366

Background



This preview shows how black text looks on a background with the XYZ color 9.3407, 17.3764, 7.1366.



This preview shows how white text looks on a background with the XYZ color 9.3407, 17.3764,

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

9.3407, 17.3764, 7.1366

Protanopia

15.6987, 17.1170, 5.9665

Deuteranopia

17.3745, 17.1207, 7.5431



Tritanopia

13.3210, 17.4293, 25.9547

Trichromacy



Original Color

9.3407, 17.3764, 7.1366



Protanomaly

11.0667, 15.9539, 6.2375



Deuteranomaly

11.6421, 15.6877, 7.2649



Tritanomaly

11.1842, 17.1066, 16.8998

Monochromacy



Original Color

9.3407, 17.3764, 7.1366



Achromatopsia

8.8453, 9.3059, 10.1341



Achromatomaly

7.7654, 11.0485, 8.7445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.3407, 17.3764, 7.1366 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(0, 134, 60)` looks like.

```
.text, #text, p{  
    color:rgb(0, 134, 60)  
}
```

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(0, 134, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 134, 60) }
```

Border

The CSS property to change the border of an element to XYZ 9.3407, 17.3764, 7.1366 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(0, 134, 60) }
```


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

```
.border{ border-color:rgb(0, 134, 60) }
```

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

Here you see how a box with a 4 pixel rgb(0, 134, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 134, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 134, 60);  
box-shadow:4px 4px 4px 4px rgb(0, 134, 60)  
}
```

Background

The CSS property to change the background color of an element to XYZ 9.3407, 17.3764, 7.1366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 134, 60) }
```

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

```
.background{ background-color: rgb(0, 134,  
60) }
```

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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