

Converting Colors

XYZ(6.0874, 17.6316, 6.8562)

Have a look what the booklet for
XYZ(6.0874, 17.6316, 6.8562)
contains.

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Color

**XYZ(10.5363, 19.9304,
7.0330)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 008F38 |
| RGB | 0, 143, 56 |
| RGB Percent | 0%, 56%, 22% |
| CMY | 1.0000, 0.4392, 0.7804 |
| CMYK | 1.00, 0.00, 0.61, 0.44 |
| HSL | 143°, 100%, 28% |
| HSV | 143°, 100%, 56% |
| XYZ | 10.5363, 19.9304, 7.0330 |
| YIQ | 90.3250, -57.3010, -57.3730 |

Conversions

Conversions Part 2

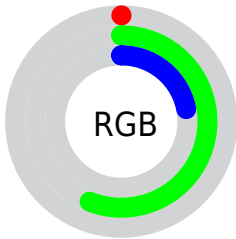
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 103, 143 |
| Decimal | 36664 |
| CIELab | 51.76, -51.87, 36.58 |
| CIELCh | 52, 63.473, 144.810 |
| Yxy | 19.9304, 0.2810, 0.5315 |
| Android (android.graphics.Color) | 4278226744 (0xFF008F38) |
| YUV | 90.3250, -16.9222, -79.2150 |
| Hunter-Lab | 44.6435, -35.9983, 21.9101 |

Details

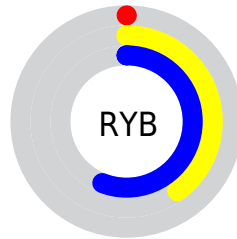
The XYZ color **10.5363, 19.9304, 7.0330** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **13.0488, 6.5283, 9.5910**, and the grayscale version is **9.8383, 10.3507, 11.2719**.

A 20% lighter version of the original color is **26.4518, 43.3136, 20.6019**, and **3.7630, 7.4909, 1.3624** is the 20% darker color. If you saturate the color by 10%, you get **10.5365, 19.9311, 7.0328**, and if you desaturate by 10%, it is **10.9543, 20.1197, 8.2622**.

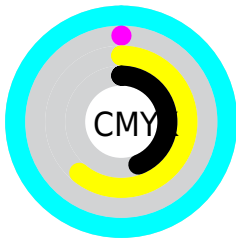
Distribution



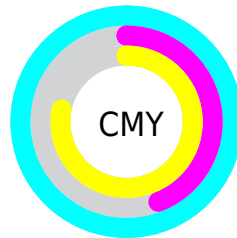
- Red (0%)
- Green (56%)
- Blue (22%)



- Red (0%)
- Yellow (40%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (61%)
- Black (44%)





- Cyan (100%)
- Magenta (44%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.5363, 19.9304, 7.0330 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 10.5363, 19.9304, 7.0330 by changing the saturation by 10% instead.


 10.5363, 19.9304,
7.0330


 10.5363, 19.9304,
7.0330


188.4328,
251.5381, 177.5790

 5.8209, 12.3445,
3.4040


 26.4401, 43.3005,
20.5536


 2.7761, 6.9787,
1.3044


 38.3592, 59.8534,
31.2822


 1.0365, 3.4488,
0.0654

 53.4103, 80.1641,
45.2145

 0.0000, 1.3703,
0.0000

 71.9587, 104.6169,
62.7689

 0.0000, 0.1947,
0.0000

 94.3698, 133.5964,
84.3640

 0.0000, 0.0000,
0.0000

 121.0090,

167.4868, 110.4183

152.2415,
206.6726, 141.3505

■ 10.5363, 19.9304,
7.0330

■ 10.5363, 19.9304,
7.0330

■ 10.5365, 19.9311,
7.0328

■ 10.9543, 20.1197,
8.2622

■ 11.5346, 20.3876,
9.7010

■ 12.3422, 20.7680,
11.3615

■ 13.4020, 21.2736,
13.2532

■ 14.7353, 21.9151,
15.3848

■ 16.3608, 22.7021,
17.7644

■ 18.2959, 23.6434,
20.4000

■ 20.5563, 24.7468,
23.2990

■ 23.1567, 26.0199,
26.4686

Harmonies

Analogous

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



14.2190, 19.9304, 2.8253



10.5363, 19.9304, 7.0330



9.1133, 19.9304, 18.6559

Triad

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



10.5363, 19.9304, 7.0330



17.8478, 19.9304, 79.4257



32.5109, 19.9304, 9.9852

Complementary

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



10.5363, 19.9304, 7.0330



13.0488, 6.5283, 9.5910

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.



34.0975, 19.9304, 25.0603



10.5363, 19.9304, 7.0330



24.6127, 19.9304, 72.2447

Square

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



10.5363, 19.9304, 7.0330



12.6799, 19.9304, 65.3431



30.9356, 19.9304, 49.1335



26.9894, 19.9304, 3.7294

Rectangle

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



10.5363, 19.9304, 7.0330



9.3360, 19.9304, 32.0561



30.9356, 19.9304, 49.1335



33.5681, 19.9304, 13.8569

Sweetspot

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



10.5368, 19.9312, 7.0335



32.5250, 42.2237, 36.2158



13.8652, 21.7295, 3.4637



7.1461, 9.5306, 7.8859



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



10.5368, 19.9312, 7.0335



18.7896, 35.6607, 12.1776



13.6095, 21.1603, 23.2141



5.4249, 6.0622, 6.2032



9.3257, 17.6262, 6.2695



0.0994, 0.1726, 0.1141

Inverse Universe

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



13.0488, 6.5283, 9.5910



23.2813, 11.6560, 16.7216



11.4270, 5.8795, 1.0503



5.5380, 5.4757, 6.3310



11.5475, 5.7760, 8.5344



0.1213, 0.0596, 0.1388

Previews

White Background



This preview shows how the XYZ color 10.5363, 19.9304, 7.0330 looks on a white 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

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 10.5363, 19.9304, 7.0330

Background



This preview shows how black text looks on a background with the XYZ color 10.5363, 19.9304, 7.0330.



This preview shows how white text looks on a background with the XYZ color 10.5363, 19.9304,

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

10.5363, 19.9304, 7.0330

Protanopia

17.9752, 19.7146, 5.8755

Deuteranopia

20.0492, 19.6721, 7.5909



Tritanopia

15.3233, 19.9644, 29.8340

Trichromacy



Original Color

10.5363, 19.9304, 7.0330



Protanomaly

12.5329, 18.2394, 6.1088



Deuteranomaly

13.1270, 17.7454, 7.1482



Tritanomaly

12.6539, 19.4586, 18.7118

Monochromacy



Original Color

10.5363, 19.9304, 7.0330



Achromatopsia

9.7181, 10.2242, 11.1341



Achromatomaly

8.5311, 12.3572, 9.1433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5363, 19.9304, 7.0330 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, 143, 56)` looks like.

```
.text, #text, p{  
    color:rgb(0, 143, 56)  
}
```

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, 143, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 143, 56) }
```

Border

The CSS property to change the border of an element to XYZ 10.5363, 19.9304, 7.0330 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, 143, 56) }
```


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

```
.border{ border-color:rgb(0, 143, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 143, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 143, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 143, 56);  
box-shadow:4px 4px 4px 4px rgb(0, 143, 56)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.5363, 19.9304, 7.0330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 143, 56) }
```

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

```
.background{ background-color: rgb(0, 143,  
56) }
```

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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