

Converting Colors

XYZ(8.2620, 18.0031, 8.0762)

Have a look what the booklet for
XYZ(8.2620, 18.0031, 8.0762)
contains.

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Color

**XYZ(10.3322, 19.1378,
8.1504)**

Conversions

Conversions Part 1

Format	Color
Hex	008C41
RGB	0, 140, 65
RGB Percent	0%, 55%, 25%
CMY	1.0000, 0.4510, 0.7451
CMYK	1.00, 0.00, 0.54, 0.45
HSL	148°, 100%, 27%
HSV	148°, 100%, 55%
XYZ	10.3322, 19.1378, 8.1504
YIQ	89.5900, -59.3650, -53.0050

Conversions

Conversions Part 2

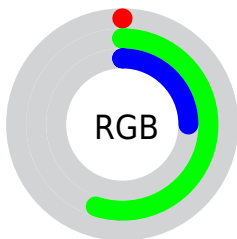
Format	Color
RYB	0, 96, 140
Decimal	35905
CIELab	50.85, -49.51, 30.97
CIELCh	51, 58.397, 147.976
Yxy	19.1378, 0.2746, 0.5087
Android (android.graphics.Color)	4278225985 (0xFF008C41)
YUV	89.5900, -12.1229, -78.5704
Hunter-Lab	43.7468, -34.3984, 19.5765

Details

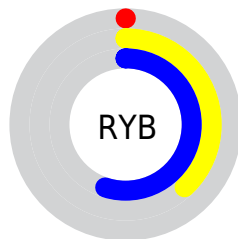
The XYZ color **10.3322, 19.1378, 8.1504** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **12.0858, 6.0838, 7.1947**, and the grayscale version is **9.6627, 10.1659, 11.0707**.

A 20% lighter version of the original color is **26.1769, 42.1070, 22.9675**, and **3.5989, 7.0231, 1.7382** is the 20% darker color. If you saturate the color by 10%, you get **10.3326, 19.1385, 8.1505**, and if you desaturate by 10%, it is **10.7458, 19.3247, 9.3808**.

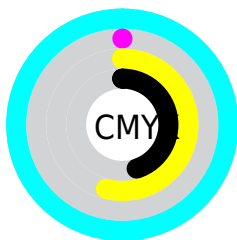
Distribution



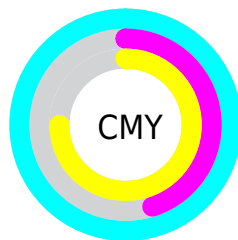
- Red (0%)
- Green (55%)
- Blue (25%)



- Red (0%)
- Yellow (38%)
- Blue (55%)



- Cyan (100%)
- Magenta (0%)
- Yellow (54%)
- Black (45%)





- Cyan (100%)
- Magenta (45%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.3322, 19.1378, 8.1504 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 10.3322, 19.1378, 8.1504 by changing the saturation by 10% instead.


 10.3322, 19.1378,
8.1504


 10.3322, 19.1378,
8.1504


187.0314,
247.2084, 186.8854


 5.6837, 11.7699,
4.1022


 26.0625, 41.9668,
22.8038


 2.6926, 6.5872,
1.6816


 37.8751, 58.1967,
34.2460


 0.9933, 3.2053,
0.3481

 52.8064, 78.1494,
48.9900

 0.0000, 1.2398,
0.0000

 71.2218, 102.2093,
67.4544

 0.0000, 0.0939,
0.0000

 93.4866, 130.7607,
90.0575

 0.0000, 0.0000,
0.0000

 119.9663,

164.1881, 117.2180

151.0261,
202.8759, 149.3545

■ 10.3322, 19.1378,
8.1504

■ 10.3322, 19.1378,
8.1504

■ 10.3326, 19.1385,
8.1505

■ 10.7458, 19.3247,
9.3808

■ 11.3055, 19.5830,
10.7739

■ 12.0744, 19.9456,
12.3384

■ 13.0753, 20.4240,
14.0803

■ 14.3279, 21.0285,
16.0053

■ 15.8497, 21.7678,
18.1191

■ 17.6566, 22.6501,
20.4266

■ 19.7632, 23.6828,
22.9329

■ 22.1829, 24.8727,
25.6429

Harmonies

Analogous

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



13.4795, 19.1378, 3.5150



10.3322, 19.1378, 8.1504



9.2247, 19.1378, 19.7389

Triad

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



10.3322, 19.1378, 8.1504



17.8020, 19.1378, 71.2254



29.8096, 19.1378, 9.2314

Complementary

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



10.3322, 19.1378, 8.1504



12.0858, 6.0838, 7.1947

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.



31.6324, 19.1378, 21.9768



10.3322, 19.1378, 8.1504



23.8868, 19.1378, 63.1942

Square

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



10.3322, 19.1378, 8.1504



12.9329, 19.1378, 60.8790



29.2699, 19.1378, 42.5506



24.7074, 19.1378, 3.8678

Rectangle

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



10.3322, 19.1378, 8.1504



9.5678, 19.1378, 32.2209



29.2699, 19.1378, 42.5506



30.8679, 19.1378, 12.5116

Sweetspot

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



10.3327, 19.1386, 8.1508



30.9106, 39.8252, 35.7431



12.4393, 20.3348, 3.2695



6.8381, 9.0376, 7.8795



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



10.3327, 19.1386, 8.1508



18.1365, 33.7091, 13.9499



13.6123, 20.4504, 25.4211



5.0621, 5.6443, 5.8483



9.1904, 17.0088, 7.2935



0.0683, 0.1159, 0.0868

Inverse Universe

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



12.0858, 6.0838, 7.1947



21.2251, 10.6927, 12.2527



10.8540, 5.5911, 0.7082



5.1375, 5.0904, 5.8126



10.7483, 5.4095, 6.4451



0.0788, 0.0389, 0.0818

Previews

White Background



This preview shows how the XYZ color 10.3322, 19.1378, 8.1504 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



This preview shows how the XYZ color 10.3322, 19.1378, 8.1504 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 10.3322, 19.1378, 8.1504

Background



This preview shows how black text looks on a background with the XYZ color 10.3322, 19.1378, 8.1504.



This preview shows how white text looks on a background with the XYZ color 10.3322, 19.1378,

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

10.3322, 19.1378, 8.1504

Protanopia

17.2997, 18.9771, 6.8888

Deuteranopia

19.1545, 18.8403, 8.7579



Tritanopia

14.6551, 19.2398, 28.5324

Trichromacy



Original Color

10.3322, 19.1378, 8.1504

Protanomaly

12.3078, 17.7066, 7.1839

Deuteranomaly

12.7960, 17.1721, 8.2704

Tritanomaly

12.3609, 18.8829, 18.9129

Monochromacy



Original Color

10.3322, 19.1378, 8.1504

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

8.5351, 12.1891, 9.6875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.3322, 19.1378, 8.1504 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, 140, 65)` looks like.

```
.text, #text, p{  
    color:rgb(0, 140, 65)  
}
```

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, 140, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 140, 65) }
```

Border

The CSS property to change the border of an element to XYZ 10.3322, 19.1378, 8.1504 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, 140, 65) }
```


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

```
.border{ border-color:rgb(0, 140, 65) }
```

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

Here you see how a box with a 4 pixel rgb(0, 140, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 140, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 140, 65);  
box-shadow:4px 4px 4px 4px rgb(0, 140, 65)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.3322, 19.1378, 8.1504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 140, 65) }
```

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

```
.background{ background-color: rgb(0, 140,  
65) }
```

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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