

Converting Colors

XYZ(11.9338, 20.4894, 14.3922)

Have a look what the booklet for
XYZ(11.9338, 20.4894, 14.3922)
contains.

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Color

**XYZ(11.9338, 20.4894,
14.3922)**

Conversions

Conversions Part 1

Format	Color
Hex	008F60
RGB	0, 143, 96
RGB Percent	0%, 56%, 38%
CMY	0.9999, 0.4392, 0.6235
CMYK	1.00, 0.00, 0.33, 0.44
HSL	160°, 100%, 28%
HSV	160°, 100%, 56%
XYZ	11.9338, 20.4894, 14.3922
YIQ	94.8850, -70.1410, -44.9330

Conversions

Conversions Part 2

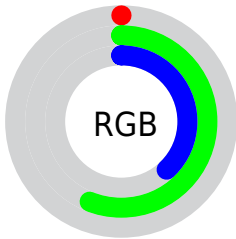
Format	Color
RYB	0, 86, 143
Decimal	36704
CIELab	52.39, -44.40, 16.03
CIELCh	52, 47.201, 160.150
Yxy	20.4894, 0.2549, 0.4377
Android (android.graphics.Color)	4278226784 (0xFF008F60)
YUV	94.8850, 0.5497, -83.2141
Hunter-Lab	45.2652, -32.1541, 12.8342

Details

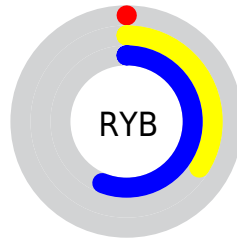
The XYZ color **11.9338, 20.4894, 14.3922** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **11.8416, 6.0455, 3.2336**, and the grayscale version is **10.8617, 11.4273, 12.4443**.

A 20% lighter version of the original color is **29.0278, 44.3338, 34.6311**, and **4.2955, 7.7039, 4.1663** is the 20% darker color. If you saturate the color by 10%, you get **11.9340, 20.4900, 14.3916**, and if you desaturate by 10%, it is **12.3432, 20.6752, 15.5757**.

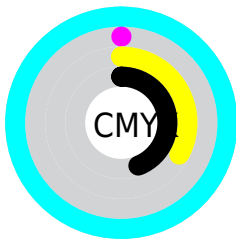
Distribution



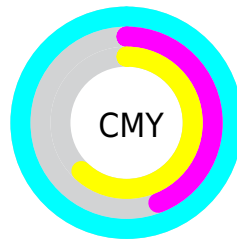
- Red (0%)
- Green (56%)
- Blue (38%)



- Red (0%)
- Yellow (34%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (44%)



- Cyan (100%)
- Magenta (44%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9338, 20.4894, 14.3922 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 11.9338, 20.4894, 14.3922 by changing the saturation by 10% instead.

■ 11.9338, 20.4894,
14.3922

■ 11.9338, 20.4894,
14.3922

197.7454,
254.5523, 231.1699

■ 6.7705, 12.7513,
8.2521

■ 28.9924, 44.2362,
34.5104

■ 3.3640, 7.2575,
4.1666

■ 41.6184, 61.0137,
49.3256

■ 1.3491, 3.6237,
1.7172

■ 57.4626, 81.5730,
67.8696

■ 0.2195, 1.4654,
0.3725

■ 76.8905, 106.2987,
90.5608

■ 0.0000, 0.2642,
0.0000

■ 100.2674,
135.5751, 117.8180

■ 0.0000, 0.0000,
0.0000

■ 127.9586,

169.7866, 150.0595

160.3295,
209.3175, 187.7040

■ 11.9338, 20.4894,
14.3922

■ 11.9338, 20.4894,
14.3922

■ 11.9340, 20.4900,
14.3916

■ 12.3432, 20.6752,
15.5757

■ 12.8892, 20.9294,
16.8338

■ 13.6355, 21.2853,
18.1711

■ 14.6056, 21.7550,
19.5898

■ 15.8194, 22.3488,
21.0919

■ 17.2946, 23.0756,
22.6792

■ 19.0472, 23.9439,
24.3536

■ 21.0920, 24.9611,
26.1166

■ 23.4426, 26.1343,
27.9700

Harmonies

Analogous

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



14.0437, 20.4894, 7.4572



11.9338, 20.4894, 14.3922



11.6408, 20.4894, 27.3720

Triad

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



11.9338, 20.4894, 14.3922



21.1702, 20.4894, 60.4416



27.5365, 20.4894, 9.1092

Complementary

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



11.9338, 20.4894, 14.3922



11.8416, 6.0455, 3.2336

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.



30.2114, 20.4894, 17.9131



11.9338, 20.4894, 14.3922



26.1511, 20.4894, 49.6951

Square

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



11.9338, 20.4894, 14.3922



16.4674, 20.4894, 58.1912



29.6660, 20.4894, 32.7002



22.8272, 20.4894, 5.4064

Rectangle

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



11.9338, 20.4894, 14.3922



12.4532, 20.4894, 38.6540



29.6660, 20.4894, 32.7002



28.7362, 20.4894, 11.3767

Sweetspot

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



11.9343, 20.4902, 14.3927



33.8920, 42.7705, 43.4143



11.0266, 20.2661, 3.3310



7.4892, 9.6679, 9.6925



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.



11.9343, 20.4902, 14.3927



21.2898, 36.6607, 25.3434



11.5754, 15.2177, 28.3147



5.4859, 6.0866, 6.5246



10.5614, 18.1204, 12.7766



0.1112, 0.1773, 0.1758

Inverse Universe

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



11.8416, 6.0455, 3.2336



21.1335, 10.7969, 5.4116



11.6516, 6.4868, 0.6384



5.4774, 5.4515, 6.0121



10.4785, 5.3484, 2.9050



0.1095, 0.0549, 0.0770

Previews

White Background



This preview shows how the XYZ color 11.9338, 20.4894, 14.3922 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 11.9338, 20.4894, 14.3922 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 11.9338, 20.4894, 14.3922

Background



This preview shows how black text looks on a background with the XYZ color 11.9338, 20.4894, 14.3922.



This preview shows how white text looks on a background with the XYZ color 11.9338, 20.4894,

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

11.9338, 20.4894, 14.3922

Protanopia

18.8006, 20.1882, 12.1383

Deuteranopia

20.5670, 20.3018, 15.1466



Tritanopia

15.5576, 20.6824, 31.1891

Trichromacy



Original Color

11.9338, 20.4894, 14.3922



Protanomaly

13.7509, 18.9192, 12.8246



Deuteranomaly

14.3849, 18.6145, 14.6392



Tritanomaly

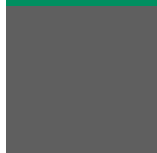
13.7601, 20.3415, 23.9699

Monochromacy



Original Color

11.9338, 20.4894, 14.3922



Achromatopsia

10.8771, 11.4435, 12.4620



Achromatomaly

9.7232, 13.3752, 12.8957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9338, 20.4894, 14.3922 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, 96)` looks like.

```
.text, #text, p{  
    color:rgb(0, 143, 96)  
}
```

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, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 143, 96) }
```

Border

The CSS property to change the border of an element to XYZ 11.9338, 20.4894, 14.3922 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, 96) }
```


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

```
.border{ border-color:rgb(0, 143, 96) }
```

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, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 143, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 143, 96);  
box-shadow:4px 4px 4px 4px rgb(0, 143, 96)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.9338, 20.4894, 14.3922 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, 96) }
```

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

```
.background{ background-color: rgb(0, 143,  
96) }
```

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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