

Converting Colors

XYZ(9.5424, 19.3319, 11.0716)

Have a look what the booklet for
XYZ(9.5424, 19.3319, 11.0716)
contains.

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Color

**XYZ(11.3077, 20.2390,
11.0951)**

Conversions

Conversions Part 1

Format	Color
Hex	008F51
RGB	0, 143, 81
RGB Percent	0%, 56%, 32%
CMY	1.0000, 0.4392, 0.6823
CMYK	1.00, 0.00, 0.43, 0.44
HSL	154°, 100%, 28%
HSV	154°, 100%, 56%
XYZ	11.3077, 20.2390, 11.0951
YIQ	93.1750, -65.3260, -49.5980

Conversions

Conversions Part 2

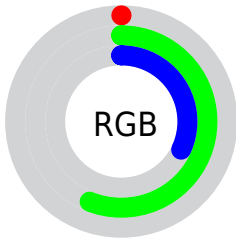
Format	Color
RYB	0, 91, 143
Decimal	36689
CIELab	52.11, -47.65, 24.01
CIELCh	52, 53.356, 153.258
Yxy	20.2390, 0.2652, 0.4746
Android (android.graphics.Color)	4278226769 (0xFF008F51)
YUV	93.1750, -6.0023, -81.7145
Hunter-Lab	44.9878, -33.8625, 16.8691

Details

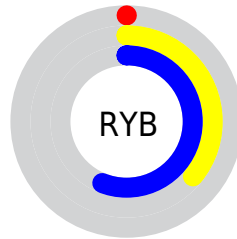
The XYZ color **11.3077, 20.2390, 11.0951** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **12.1980, 6.1880, 5.1106**, and the grayscale version is **10.4709, 11.0162, 11.9967**.

A 20% lighter version of the original color is **27.8581, 43.8659, 28.4714**, and **4.0445, 7.6035, 2.8446** is the 20% darker color. If you saturate the color by 10%, you get **11.3079, 20.2397, 11.0946**, and if you desaturate by 10%, it is **11.7374, 20.4329, 12.3855**.

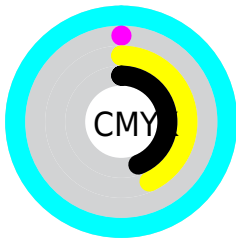
Distribution



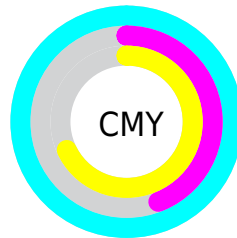
- Red (0%)
- Green (56%)
- Blue (32%)



- Red (0%)
- Yellow (36%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (43%)
- Black (44%)



- Cyan (100%)
- Magenta (44%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3077, 20.2390, 11.0951 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 11.3077, 20.2390, 11.0951 by changing the saturation by 10% instead.

■ 11.3077, 20.2390,
11.0951

■ 11.3077, 20.2390,
11.0951

193.6316,
253.2060, 209.0796

■ 6.3430, 12.5689,
6.0159

■ 27.8557, 43.8175,
28.4752

■ 3.0974, 7.1324,
2.7858

■ 40.1697, 60.4947,
41.6132

■ 1.2055, 3.5450,
0.9863

■ 55.6642, 80.9431,
58.2745

■ 0.1107, 1.4225,
0.0000

■ 74.7046, 105.5470,
78.8776

■ 0.0000, 0.2332,
0.0000

■ 97.6562, 134.6909,
103.8412

■ 0.0000, 0.0000,
0.0000

■ 124.8843,

168.7591, 133.5837

156.7543,
208.1360, 168.5236

■ 11.3077, 20.2390,
11.0951

■ 11.3077, 20.2390,
11.0951

■ 11.3079, 20.2397,
11.0946

■ 11.7374, 20.4329,
12.3855

■ 12.3123, 20.6987,
13.7960

■ 13.0965, 21.0698,
15.3328

■ 14.1136, 21.5583,
16.9995

■ 15.3839, 22.1746,
18.7998

■ 16.9255, 22.9280,
20.7369

■ 18.7546, 23.8269,
22.8141

■ 20.8861, 24.8788,
25.0342

■ 23.3340, 26.0909,
27.4004

Harmonies

Analogous

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



14.0387, 20.2390, 5.2530



11.3077, 20.2390, 11.0951



10.5499, 20.2390, 23.7883

Triad

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



11.3077, 20.2390, 11.0951



19.8388, 20.2390, 67.6902



29.4081, 20.2390, 9.3271

Complementary

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



11.3077, 20.2390, 11.0951



12.1980, 6.1880, 5.1106

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.



31.7237, 20.2390, 20.3735



11.3077, 20.2390, 11.0951



25.5811, 20.2390, 57.9093

Square

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



11.3077, 20.2390, 11.0951



14.8923, 20.2390, 61.2211



30.2062, 20.2390, 38.5060



24.3529, 20.2390, 4.6237

Rectangle

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



11.3077, 20.2390, 11.0951



11.1196, 20.2390, 36.1538



30.2062, 20.2390, 38.5060



30.5718, 20.2390, 12.1762

Sweetspot

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



11.3082, 20.2398, 11.0956



33.3592, 42.5574, 40.6087



11.9605, 20.7477, 3.3746



7.3547, 9.6141, 8.9845



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.



11.3082, 20.2398, 11.0956



20.1628, 36.2100, 19.4089



13.7417, 19.5502, 29.0369



5.4628, 6.0773, 6.4028



10.0086, 17.8993, 9.8654



0.1068, 0.1756, 0.1527

Inverse Universe

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



12.1980, 6.1880, 5.1106



21.7607, 11.0477, 8.7140



11.4059, 5.9953, 0.5564



5.4999, 5.4605, 6.1304



10.7949, 5.4750, 4.5714



0.1139, 0.0566, 0.1002

Previews

White Background



This preview shows how the XYZ color 11.3077, 20.2390, 11.0951 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 11.3077, 20.2390, 11.0951 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 11.3077, 20.2390, 11.0951

Background



This preview shows how black text looks on a background with the XYZ color 11.3077, 20.2390, 11.0951.



This preview shows how white text looks on a background with the XYZ color 11.3077, 20.2390,

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

11.3077, 20.2390, 11.0951

Protanopia

18.4354, 20.0606, 9.3790

Deuteranopia

20.2314, 19.8480, 11.7816



Tritanopia

15.3205, 20.1602, 30.2780

Trichromacy



Original Color

11.3077, 20.2390, 11.0951



Protanomaly

13.2936, 18.7469, 9.9390



Deuteranomaly

13.8452, 18.2143, 11.3803



Tritanomaly

13.2610, 19.9222, 21.5588

Monochromacy



Original Color

11.3077, 20.2390, 11.0951



Achromatopsia

10.4043, 10.9462, 11.9204



Achromatomaly

9.2912, 13.0200, 11.4746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3077, 20.2390, 11.0951 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, 81)` looks like.

```
.text, #text, p{  
    color:rgb(0, 143, 81)  
}
```

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, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 143, 81) }
```

Border

The CSS property to change the border of an element to XYZ 11.3077, 20.2390, 11.0951 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, 81) }
```


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

```
.border{ border-color:rgb(0, 143, 81) }
```

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, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 143, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 143, 81);  
box-shadow:4px 4px 4px 4px rgb(0, 143, 81)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.3077, 20.2390, 11.0951 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, 81) }
```

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

```
.background{ background-color: rgb(0, 143,  
81) }
```

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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