

Converting Colors

XYZ(11.0103, 19.0796, 3.1024)

Have a look what the booklet for
XYZ(11.0103, 19.0796, 3.1024)
contains.

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Color

**XYZ(11.0751, 19.2011,
3.1225)**

Conversions

Conversions Part 1

Format	Color
Hex	3E8A00
RGB	62, 138, 0
RGB Percent	24%, 54%, 0%
CMY	0.7569, 0.4588, 1.0000
CMYK	0.55, 0.00, 1.00, 0.46
HSL	93°, 100%, 27%
HSV	93°, 100%, 54%
XYZ	11.0751, 19.2011, 3.1225
YIQ	99.5440, -0.9980, -59.0300

Conversions

Conversions Part 2

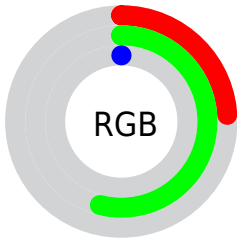
Format	Color
RYB	0, 138, 76
Decimal	4098560
CIELab	50.92, -44.24, 54.16
CIELCh	51, 69.935, 129.241
Yxy	19.2011, 0.3316, 0.5749
Android (android.graphics.Color)	4282288640 (0xFF3E8A00)
YUV	99.5440, -49.0752, -32.9261
Hunter-Lab	43.8191, -31.5682, 26.4484

Details

The XYZ color **11.0751, 19.2011, 3.1225** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **7.5694, 3.3724, 24.2978**, and the grayscale version is **12.1188, 12.7499, 13.8846**.

A 20% lighter version of the original color is **27.3340, 41.9561, 11.9679**, and **3.4082, 6.8164, 1.1361** is the 20% darker color. If you saturate the color by 10%, you get **11.0751, 19.2017, 3.1226**, and if you desaturate by 10%, it is **11.6640, 19.4963, 3.5572**.

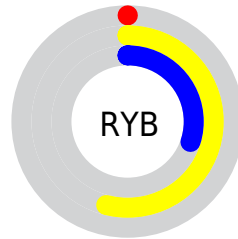
Distribution



Red (24%)

Green (54%)

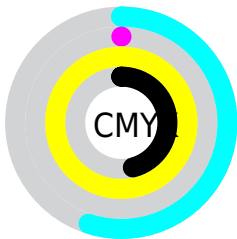
Blue (0%)



Red (0%)

Yellow (54%)

Blue (30%)

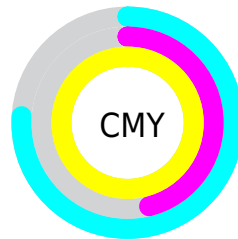


Cyan (55%)

Magenta (0%)

Yellow (100%)

Black (46%)



Cyan (76%)

Magenta (46%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0751, 19.2011, 3.1225 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 11.0751, 19.2011, 3.1225 by changing the saturation by 10% instead.

■ 11.0751, 19.2011,
3.1225

■ 11.0751, 19.2011,
3.1225

192.0797,
247.5567, 137.9059

■ 6.1850, 11.8157,
1.1575

■ 27.4307, 42.0736,
11.9292

■ 2.9996, 6.6183,
0.0000

■ 39.6269, 58.3295,
19.6081

■ 1.1536, 3.2246,
0.0000

■ 54.9892, 78.3111,
30.0286

■ 0.0692, 1.2501,
0.0000

■ 73.8830, 102.4026,
43.6094


■ 0.0000, 0.1020,
0.0000


■ 96.6736, 130.9885,
60.7690


■ 0.0000, 0.0000,
0.0000


■ 123.7263,


164.4533, 81.9259


 155.4066,
203.1812, 107.4987


 11.0751, 19.2011,
3.1225


 11.0751, 19.2011,
3.1225


 11.0751, 19.2017,
3.1226

 11.6640, 19.4963,
3.5572

 12.3707, 19.8459,
4.2531

 13.2248, 20.2628,
5.3498

 14.2376, 20.7518,
6.8963

 15.4195, 21.3172,
8.9342

■ 16.7794, 21.9629,
11.5007

■ 18.3259, 22.6925,
14.6291

■ 20.0667, 23.5093,
18.3503

■ 22.0092, 24.4166,
22.6926

Harmonies

Analogous

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



16.2003, 19.2011, 1.3556



11.0751, 19.2011, 3.1225



8.4391, 19.2011, 10.1199

Triad

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



11.0751, 19.2011, 3.1225



13.9380, 19.2011, 80.4085



34.7372, 19.2011, 15.3768

Complementary

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



11.0751, 19.2011, 3.1225



7.5694, 3.3724, 24.2978

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.



33.6890, 19.2011, 37.4830



11.0751, 19.2011, 3.1225



20.4658, 19.2011, 85.3538

Square

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



11.0751, 19.2011, 3.1225



9.7790, 19.2011, 55.3541



28.0007, 19.2011, 66.3341



30.5820, 19.2011, 4.9006

Rectangle

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



11.0751, 19.2011, 3.1225



7.9348, 19.2011, 20.4072



28.0007, 19.2011, 66.3341



35.0007, 19.2011, 21.4144

Sweetspot

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



11.0755, 19.2019, 3.1229



32.1140, 39.9096, 25.3960



13.0598, 10.5596, 1.3502



6.9740, 8.8437, 5.2260



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



11.0755, 19.2019, 3.1229



19.3440, 33.7537, 5.4956



9.1269, 18.1930, 3.2290



5.1713, 5.7110, 5.3822



10.1703, 17.6129, 2.8636



0.0840, 0.1255, 0.0198

Inverse Universe

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



7.5694, 3.3724, 24.2978



13.1572, 5.8487, 42.8186



14.5856, 7.0453, 22.1006



5.0207, 5.0191, 6.3100



6.9562, 3.1002, 22.2774



0.0631, 0.0293, 0.1488

Previews

White Background



This preview shows how the XYZ color 11.0751, 19.2011, 3.1225 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 11.0751, 19.2011, 3.1225

Background



This preview shows how black text looks on a background with the XYZ color 11.0751, 19.2011, 3.1225.



This preview shows how white text looks on a background with the XYZ color 11.0751, 19.2011,

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

11.0751, 19.2011, 3.1225

Protanopia

16.9907, 18.9090, 2.7543

Deuteranopia

19.1880, 18.7987, 3.7796



Tritanopia

15.8590, 19.0963, 27.2762

Trichromacy



Original Color

11.0751, 19.2011, 3.1225

Protanomaly

13.8960, 18.4300, 2.8249

Deuteranomaly

14.7999, 18.1315, 3.2920

Tritanomaly

12.9144, 18.7030, 12.1619

Monochromacy



Original Color

11.0751, 19.2011, 3.1225

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

10.7805, 14.3832, 7.0585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0751, 19.2011, 3.1225 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(62, 138, 0)` looks like.

```
.text, #text, p{  
    color:rgb(62, 138, 0)  
}
```

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(62, 138, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 138, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.0751, 19.2011, 3.1225 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(62, 138, 0) }
```


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

```
.border{ border-color:rgb(62, 138, 0) }
```

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

Here you see how a box with a 4 pixel rgb(62, 138, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 138, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 138, 0);  
box-shadow:4px 4px 4px 4px rgb(62, 138, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.0751, 19.2011, 3.1225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 138, 0) }
```

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

```
.background{ background-color: rgb(62, 138,  
0) }
```

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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