

Converting Colors

XYZ(19.5671, 29.6280, 11.6124)

Have a look what the booklet for
XYZ(19.5671, 29.6280, 11.6124)
contains.

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Color

**XYZ(19.5097, 29.6141,
11.5253)**

Conversions

Conversions Part 1

Format	Color
Hex	61A44C
RGB	97, 164, 76
RGB Percent	38%, 64%, 30%
CMY	0.6196, 0.3568, 0.7020
CMYK	0.41, 0.00, 0.54, 0.36
HSL	106°, 37%, 47%
HSV	106°, 54%, 64%
XYZ	19.5097, 29.6141, 11.5253
YIQ	133.9350, -11.6840, -41.5720

Conversions

Conversions Part 2

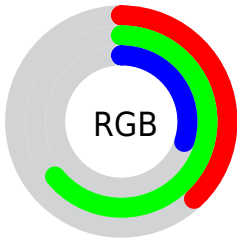
Format	Color
RYB	76, 164, 143
Decimal	6399052
CIELab	61.32, -38.33, 38.70
CIElCh	61, 54.471, 134.723
Yxy	29.6141, 0.3217, 0.4883
Android (android.graphics.Color)	4284589132 (0xFF61A44C)
YUV	133.9350, -28.5620, -32.3920
Hunter-Lab	54.4188, -31.2389, 25.5362

Details

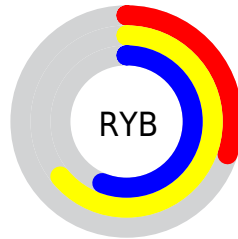
The XYZ color **19.5097, 29.6141, 11.5253** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **20.6145, 13.6898, 36.6795**, and the grayscale version is **22.7414, 23.9258, 26.0552**.

A 20% lighter version of the original color is **41.9248, 58.7747, 29.2136**, and **6.9769, 12.1765, 2.9599** is the 20% darker color. If you saturate the color by 10%, you get **17.7834, 28.7828, 8.8384**, and if you desaturate by 10%, it is **21.5923, 30.6141, 14.9889**.

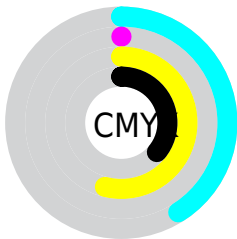
Distribution



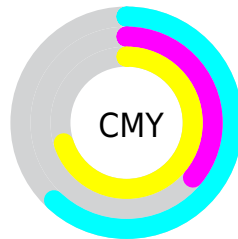
- Red (38%)
- Green (64%)
- Blue (30%)



- Red (30%)
- Yellow (64%)
- Blue (56%)



- Cyan (41%)
- Magenta (0%)
- Yellow (54%)
- Black (36%)



- Cyan (62%)
- Magenta (36%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5097, 29.6141, 11.5253 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 19.5097, 29.6141, 11.5253 by changing the saturation by 10% instead.

■ 19.5097, 29.6141,
11.5253

■ 19.5097, 29.6141,
11.5253

242.1328,
300.1015, 212.1020

■ 12.1453, 19.5459,
6.3027

■ 42.1039, 59.0514,
29.2789

■ 6.9156, 12.0654,
2.9583

■ 58.0644, 79.1892,
42.6470

■ 3.4553, 6.7882,
1.0734

■ 77.6210, 103.4523,
59.5673

■ 1.3988, 3.3300,
0.0000

■ 101.1390,
132.2252, 80.4585

■ 0.2554, 1.3063,
0.0000

■ 128.9839,
165.8921, 105.7390

■ 0.0000, 0.1461,
0.0000

161.5209,

■ 0.0000, 0.0000,

204.8375, 135.8274

0.0000

199.1154,
249.4459, 171.1422

■ 19.5097, 29.6141,
11.5253

■ 19.5097, 29.6141,
11.5253

■ 17.7834, 28.7828,
8.8384

■ 21.5923, 30.6141,
14.9889

■ 16.3902, 28.1068,
6.8662

■ 24.0482, 31.7877,
19.2807

■ 15.3073, 27.5767,
5.5410

■ 26.8960, 33.1443,
24.4502

■ 14.5077, 27.1805,
4.7805

■ 30.1522, 34.6915,
30.5424

■ 14.1178, 26.9861,
4.4647

■ 33.8326, 36.4365,
37.5994

■ 37.9519, 38.3859,
45.6604

■ 42.5241, 40.5462,
54.7626

■ 47.5627, 42.9236,
64.9413

■ 53.0805, 45.5240,
76.2302

Harmonies

Analogous

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



24.7834, 29.6141, 7.1339



19.5097, 29.6141, 11.5253



16.8225, 29.6141, 22.9115

Triad

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



19.5097, 29.6141, 11.5253



24.6653, 29.6141, 87.3777



43.7166, 29.6141, 23.2062

Complementary

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



19.5097, 29.6141, 11.5253



20.6145, 13.6898, 36.6795

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.



43.6703, 29.6141, 43.8203



19.5097, 29.6141, 11.5253



31.8027, 29.6141, 87.5698

Square

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



19.5097, 29.6141, 11.5253



19.4360, 29.6141, 68.8221



39.0188, 29.6141, 69.2704



39.1361, 29.6141, 11.6617

Rectangle

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



19.5097, 29.6141, 11.5253



16.5117, 29.6141, 35.6103



39.0188, 29.6141, 69.2704



44.2638, 29.6141, 29.0982

Sweetspot

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



19.5104, 29.6154, 11.5260



53.0931, 62.1916, 52.3474



26.2886, 27.7617, 10.8109



11.3527, 13.4754, 10.9662



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



19.5104, 29.6154, 11.5260



31.8490, 52.0354, 15.4072



18.4615, 28.9706, 16.1748



7.1365, 7.9728, 7.5429



10.8613, 20.7097, 3.4249



0.2672, 0.4552, 0.0738

Inverse Universe

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



20.6145, 13.6898, 36.6795



33.9961, 20.0718, 65.8348



22.7779, 15.0152, 27.2901



7.1984, 7.1166, 8.8973



11.6518, 5.4132, 27.3605



0.2828, 0.1333, 0.5767

Previews

White Background



This preview shows how the XYZ color 19.5097, 29.6141, 11.5253 looks on a white background.

Color Contrast Check

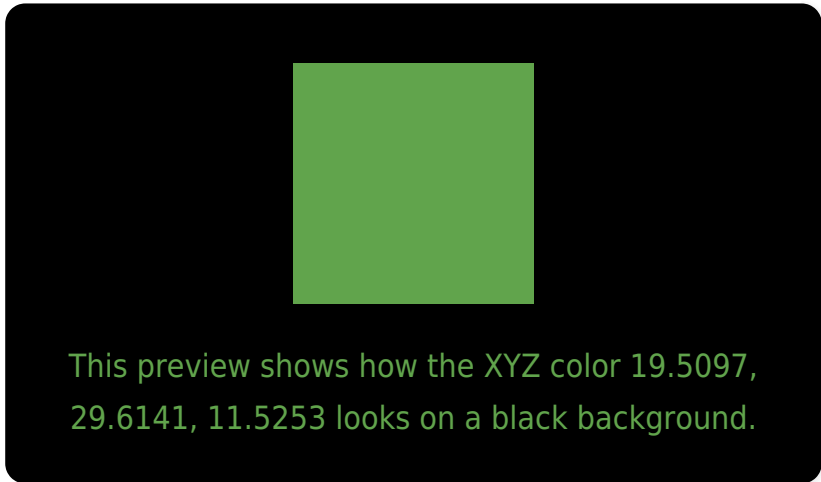
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.5097, 29.6141, 11.5253

Background



This preview shows how black text looks on a background with the XYZ color 19.5097, 29.6141, 11.5253.



This preview shows how white text looks on a background with the XYZ color 19.5097, 29.6141,

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

19.5097, 29.6141, 11.5253

Protanopia

26.6753, 29.1089, 10.1739

Deuteranopia

29.7235, 29.0687, 12.0269



Tritanopia

25.3407, 29.4119, 40.9007

Trichromacy



Original Color

19.5097, 29.6141, 11.5253

Protanomaly

23.2413, 28.7525, 10.6282

Deuteranomaly

24.7731, 28.5581, 11.7960

Tritanomaly

22.5933, 29.3007, 27.0191

Monochromacy



Original Color

19.5097, 29.6141, 11.5253

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

20.9912, 25.5080, 19.4400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5097, 29.6141, 11.5253 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(97, 164, 76)` looks like.

```
.text, #text, p{  
    color:rgb(97, 164, 76)  
}
```

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(97, 164, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 164, 76) }
```

Border

The CSS property to change the border of an element to XYZ 19.5097, 29.6141, 11.5253 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(97, 164, 76) }
```


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

```
.border{ border-color:rgb(97, 164, 76) }
```

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

Here you see how a box with a 4 pixel rgb(97, 164, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 164, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 164, 76);  
box-shadow:4px 4px 4px 4px rgb(97, 164,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5097, 29.6141, 11.5253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 164, 76) }
```

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

```
.background{ background-color: rgb(97, 164,  
76) }
```

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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