

Converting Colors

XYZ(23.0370, 31.4327, 11.6905)

Have a look what the booklet for
XYZ(23.0370, 31.4327, 11.6905)
contains.

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Color

**XYZ(23.0374, 31.4327,
11.6904)**

Conversions

Conversions Part 1

Format	Color
Hex	7DA44C
RGB	125, 164, 76
RGB Percent	49%, 64%, 30%
CMY	0.5098, 0.3568, 0.7020
CMYK	0.24, 0.00, 0.54, 0.36
HSL	87°, 37%, 47%
HSV	87°, 54%, 64%
XYZ	23.0374, 31.4327, 11.6904
YIQ	142.3070, 5.0040, -35.6360

Conversions

Conversions Part 2

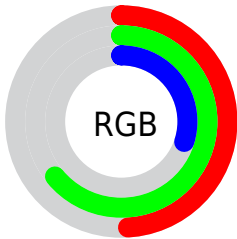
Format	Color
RYB	76, 164, 115
Decimal	8234060
CIELab	62.87, -28.22, 40.93
CIElCh	63, 49.711, 124.583
Yxy	31.4327, 0.3482, 0.4751
Android (android.graphics.Color)	4286424140 (0xFF7DA44C)
YUV	142.3070, -32.6894, -15.1782
Hunter-Lab	56.0649, -24.7668, 26.8825

Details

The XYZ color **23.0374, 31.4327, 11.6904** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **16.3569, 11.4950, 36.4804**, and the grayscale version is **25.9577, 27.3095, 29.7400**.

A 20% lighter version of the original color is **47.7527, 61.7790, 29.4864**, and **8.7283, 13.0794, 3.0418** is the 20% darker color. If you saturate the color by 10%, you get **21.5160, 30.7071, 9.0131**, and if you desaturate by 10%, it is **24.7834, 32.2593, 15.1382**.

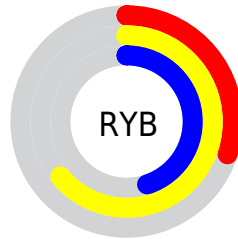
Distribution



Red (49%)

Green (64%)

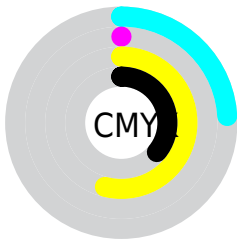
Blue (30%)



Red (30%)

Yellow (64%)

Blue (45%)

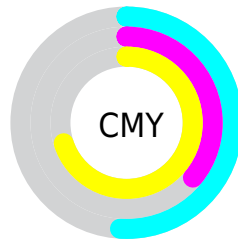


Cyan (24%)

Magenta (0%)

Yellow (54%)

Black (36%)



Cyan (51%)

Magenta (36%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0374, 31.4327, 11.6904 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 23.0374, 31.4327, 11.6904 by changing the saturation by 10% instead.

■ 23.0374, 31.4327,
11.6904

■ 23.0374, 31.4327,
11.6904

260.4488,
308.5268, 213.2494

■ 14.7420, 20.9286,
6.4133

■ 47.9209, 61.9207,
29.5859

■ 8.7236, 13.0718,
3.0251

■ 65.2398, 82.6733,
43.0413

■ 4.6170, 7.4780,
1.1075

■ 86.2971, 107.6109,
60.0599

■ 2.0568, 3.7628,
0.0000

■ 111.4583,
137.1178, 81.0602

■ 0.6656, 1.5418,
0.0000

■ 141.0887,
171.5785, 106.4608

■ 0.0000, 0.3179,
0.0000

175.5537,

■ 0.0000, 0.0000,

211.3773, 136.6801

0.0000

215.2186,
256.8986, 172.1368

■ 23.0374, 31.4327,
11.6904

■ 23.0374, 31.4327,
11.6904

■ 21.5160, 30.7071,
9.0131

■ 24.7834, 32.2593,
15.1382

■ 20.2039, 30.0729,
7.0447

■ 26.7634, 33.1876,
19.4078

■ 19.0874, 29.5255,
5.7179

■ 28.9888, 34.2234,
24.5482

■ 18.1490, 29.0578,
4.9509

■ 31.4698, 35.3709,
30.6042

■ 17.6215, 28.7924,
4.6287

■ 34.2156, 36.6340,
37.6174

■ 37.2351, 38.0164,
45.6270

■ 40.5367, 39.5217,
54.6698

■ 44.1283, 41.1532,
64.7809

■ 48.0177, 42.9141,
75.9936

Harmonies

Analogous

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



28.8409, 31.4327, 8.7884



23.0374, 31.4327, 11.6904



19.5332, 31.4327, 20.5105

Triad

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



23.0374, 31.4327, 11.6904



24.5964, 31.4327, 80.5509



44.9364, 31.4327, 31.3128

Complementary

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



23.0374, 31.4327, 11.6904



16.3569, 11.4950, 36.4804

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.



43.3452, 31.4327, 52.9946



23.0374, 31.4327, 11.6904



30.9352, 31.4327, 86.9281

Square

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



23.0374, 31.4327, 11.6904



20.3326, 31.4327, 60.2550



37.9491, 31.4327, 75.3605



42.0170, 31.4327, 17.0355

Rectangle

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



23.0374, 31.4327, 11.6904



18.6358, 31.4327, 30.8022



37.9491, 31.4327, 75.3605



44.9145, 31.4327, 37.8922

Sweetspot

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



23.0382, 31.4341, 11.6911



55.8839, 63.6303, 52.4780



22.6479, 20.4802, 9.5973



12.0240, 13.8215, 10.9977



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.



23.0382, 31.4341, 11.6911



38.6608, 55.5470, 15.7259



18.0490, 28.8621, 11.4576



7.3450, 8.0803, 7.5526



13.5661, 22.1041, 3.5515



0.3383, 0.4919, 0.0771

Inverse Universe

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



16.3569, 11.4950, 36.4804



25.2850, 15.5811, 65.4271



23.4133, 15.1327, 36.8106



6.9845, 7.0064, 8.8873



7.2798, 3.1593, 27.1559



0.2070, 0.0942, 0.5731

Previews

White Background



This preview shows how the XYZ color 23.0374, 31.4327, 11.6904 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 23.0374, 31.4327, 11.6904 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.0374, 31.4327, 11.6904

Background



This preview shows how black text looks on a background with the XYZ color 23.0374, 31.4327, 11.6904.



This preview shows how white text looks on a background with the XYZ color 23.0374, 31.4327,

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

23.0374, 31.4327, 11.6904

Protanopia

28.5464, 31.2492, 10.6580

Deuteranopia

31.8603, 31.2840, 12.1438



Tritanopia

28.8472, 31.2196, 41.0648

Trichromacy



Original Color

23.0374, 31.4327, 11.6904

Protanomaly

26.0400, 30.9334, 10.9016

Deuteranomaly

27.9494, 30.9135, 11.8909

Tritanomaly

26.2028, 31.1615, 27.1880

Monochromacy



Original Color

23.0374, 31.4327, 11.6904

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

24.3297, 28.3549, 21.3303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0374, 31.4327, 11.6904 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(125, 164, 76)` looks like.

```
.text, #text, p{  
    color:rgb(125, 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(125, 164, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 164, 76) }
```

Border

The CSS property to change the border of an element to XYZ 23.0374, 31.4327, 11.6904 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(125, 164, 76) }
```


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

```
.border{ border-color:rgb(125, 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(125, 164, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 164, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 164, 76);  
box-shadow:4px 4px 4px 4px rgb(125, 164,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0374, 31.4327, 11.6904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 164, 76) }
```

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

```
.background{ background-color: rgb(125,  
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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