

Converting Colors

XYZ(11.0452, 15.7304, 7.6084)

Have a look what the booklet for
XYZ(11.0452, 15.7304, 7.6084)
contains.

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Color

**XYZ(11.0452, 15.7304,
7.6084)**

Conversions

Conversions Part 1

Format	Color
Hex	4F7942
RGB	79, 121, 66
RGB Percent	31%, 47%, 26%
CMY	0.6902, 0.5255, 0.7412
CMYK	0.35, 0.00, 0.45, 0.53
HSL	106°, 29%, 37%
HSV	106°, 45%, 47%
XYZ	11.0452, 15.7304, 7.6084
YIQ	102.1720, -7.3770, -26.0090

Conversions

Conversions Part 2

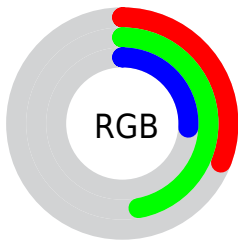
Format	Color
RYB	66, 121, 108
Decimal	5208386
CIELab	46.62, -25.91, 25.59
CIELCh	47, 36.416, 135.364
Yxy	15.7304, 0.3212, 0.4575
Android (android.graphics.Color)	4283398466 (0xFF4F7942)
YUV	102.1720, -17.8328, -20.3218
Hunter-Lab	39.6616, -19.6980, 16.3893

Details

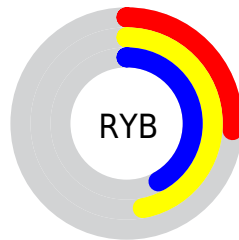
The XYZ color **11.0452, 15.7304, 7.6084** is a dark color, and the websafe version is hex **336633**, and the color name is **fern green**. A complement of this color would be **11.5846, 8.4656, 19.1135**, and the grayscale version is **12.7213, 13.3837, 14.5749**.

A 20% lighter version of the original color is **27.4365, 36.2557, 21.7717**, and **2.9881, 4.9649, 1.5103** is the 20% darker color. If you saturate the color by 10%, you get **10.0097, 15.2340, 5.8908**, and if you desaturate by 10%, it is **12.2639, 16.3134, 9.7293**.

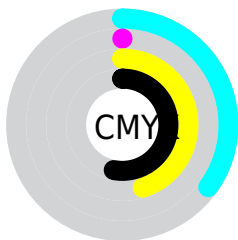
Distribution



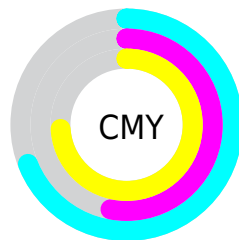
- Red (31%)
- Green (47%)
- Blue (26%)



- Red (26%)
- Yellow (47%)
- Blue (42%)



- Cyan (35%)
- Magenta (0%)
- Yellow (45%)
- Black (53%)





- Cyan (69%)
- Magenta (53%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0452, 15.7304, 7.6084 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 11.0452, 15.7304, 7.6084 by changing the saturation by 10% instead.


 11.0452, 15.7304,
7.6084


 11.0452, 15.7304,
7.6084


191.8793,
227.7456, 182.4458


 6.1648, 9.3336,
3.7613


 27.3759, 36.1295,
21.7204


 2.9871, 4.9594,
1.4953

 39.5569, 50.9006,
32.8224


 1.1470, 2.2235,
0.2144

 54.9022, 69.2319,
47.1798

 0.0639, 0.7327,
0.0000

 73.7770, 91.5079,
65.2110

 0.0000, 0.0000,
0.0000

 96.5468, 118.1128,
87.3347

 123.5768,

149.4311, 113.9694

155.2325,
185.8473, 145.5335

■ 11.0452, 15.7304,
7.6084

■ 11.0452, 15.7304,
7.6084

■ 10.0097, 15.2340,
5.8908

■ 12.2639, 16.3134,
9.7293

■ 9.1471, 14.8181,
4.5499

■ 13.6730, 16.9850,
12.2758

■ 8.4476, 14.4787,
3.5578


■ 15.2811, 17.7494,
15.2697


■ 7.9000, 14.2108,
2.8819


■ 17.0954, 18.6100,
18.7311


■ 7.4886, 14.0075,
2.4670


■ 19.1233, 19.5701,
22.6788

 7.3331, 13.9308,
2.3024

 21.3714, 20.6328,
27.1306

 23.8461, 21.8011,
32.1033

 26.5537, 23.0778,
37.6132

 29.5002, 24.4656,
43.6756

Harmonies

Analogous

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



13.4045, 15.7304, 5.2618



11.0452, 15.7304, 7.6084



9.8271, 15.7304, 13.1110

Triad

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



11.0452, 15.7304, 7.6084



13.4737, 15.7304, 39.9650



21.5788, 15.7304, 12.9339

Complementary

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



11.0452, 15.7304, 7.6084



11.5846, 8.4656, 19.1135

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.



21.6042, 15.7304, 21.8909



11.0452, 15.7304, 7.6084



16.6126, 15.7304, 39.8648

Square

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



11.0452, 15.7304, 7.6084



11.0897, 15.7304, 32.6575



19.6842, 15.7304, 32.4188



19.6190, 15.7304, 7.5182

Rectangle

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



11.0452, 15.7304, 7.6084



9.6992, 15.7304, 18.7995



19.6842, 15.7304, 32.4188



21.8221, 15.7304, 15.5581

Sweetspot

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



11.0456, 15.7311, 7.6087



27.7035, 31.9445, 27.9857



14.1530, 15.0267, 7.3090



6.2107, 7.2454, 6.1656



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



11.0456, 15.7311, 7.6087



17.7691, 27.2043, 10.3001



10.5234, 15.4093, 9.9611



4.0314, 4.4915, 4.2790



7.8491, 14.9236, 2.4668



36.7950, 70.8539, 11.7369

Inverse Universe

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



11.5846, 8.4656, 19.1135



18.8496, 12.3620, 33.7855



12.5010, 9.0286, 15.0635



4.0663, 4.0321, 5.0071



8.4616, 3.9349, 19.6988



39.5805, 18.3665, 93.9288

Previews

White Background



This preview shows how the XYZ color 11.0452, 15.7304, 7.6084 looks on a white 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

Black Background



This preview shows how the XYZ color 11.0452, 15.7304, 7.6084 looks on a black 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

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

XYZ 11.0452, 15.7304, 7.6084

Background



This preview shows how black text looks on a background with the XYZ color 11.0452, 15.7304, 7.6084.



This preview shows how white text looks on a background with the XYZ color 11.0452, 15.7304,

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

11.0452, 15.7304, 7.6084

Protanopia

14.3306, 15.5646, 6.8064

Deuteranopia

15.8299, 15.5319, 7.9580



Tritanopia

13.7752, 15.6137, 21.3565

Trichromacy



Original Color

11.0452, 15.7304, 7.6084

Protanomaly

12.8584, 15.4577, 7.0085

Deuteranomaly

13.5687, 15.3093, 7.8701

Tritanomaly

12.5558, 15.6331, 15.1877

Monochromacy



Original Color

11.0452, 15.7304, 7.6084

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

11.8879, 14.0382, 11.5343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0452, 15.7304, 7.6084 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(79, 121, 66)` looks like.

```
.text, #text, p{  
    color:rgb(79, 121, 66)  
}
```

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(79, 121, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 121, 66) }
```

Border

The CSS property to change the border of an element to XYZ 11.0452, 15.7304, 7.6084 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(79, 121, 66) }
```


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

```
.border{ border-color:rgb(79, 121, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 121, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 121, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 121, 66);  
box-shadow:4px 4px 4px 4px rgb(79, 121,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0452, 15.7304, 7.6084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 121, 66) }
```

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

```
.background{ background-color: rgb(79, 121,  
66) }
```

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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