

Converting Colors

XYZ(23.5411, 34.4661, 11.7152)

Have a look what the booklet for
XYZ(23.5411, 34.4661, 11.7152)
contains.

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Color

**XYZ(23.5411, 34.4661,
11.7152)**

Conversions

Conversions Part 1

Format	Color
Hex	74AE49
RGB	116, 174, 73
RGB Percent	45%, 68%, 29%
CMY	0.5451, 0.3176, 0.7137
CMYK	0.33, 0.00, 0.58, 0.32
HSL	94°, 41%, 48%
HSV	94°, 58%, 68%
XYZ	23.5411, 34.4661, 11.7152
YIQ	145.1440, -2.1470, -43.7070

Conversions

Conversions Part 2

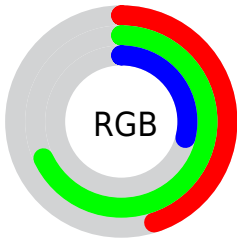
Format	Color
RYB	73, 174, 131
Decimal	7646793
CIELab	65.33, -36.56, 45.10
CIElCh	65, 58.059, 129.030
Yxy	34.4661, 0.3376, 0.4943
Android (android.graphics.Color)	4285836873 (0xFF74AE49)
YUV	145.1440, -35.5670, -25.5593
Hunter-Lab	58.7078, -31.1625, 29.2641

Details

The XYZ color **23.5411, 34.4661, 11.7152** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **19.3841, 12.6474, 41.4658**, and the grayscale version is **27.1138, 28.5258, 31.0646**.

A 20% lighter version of the original color is **48.7931, 66.7322, 29.7110**, and **9.0135, 14.7820, 3.0400** is the 20% darker color. If you saturate the color by 10%, you get **21.7856, 33.6198, 9.0317**, and if you desaturate by 10%, it is **25.6026, 35.4537, 15.2569**.

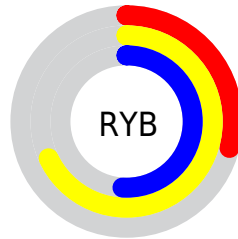
Distribution



Red (45%)

Green (68%)

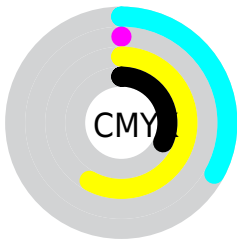
Blue (29%)



Red (29%)

Yellow (68%)

Blue (51%)

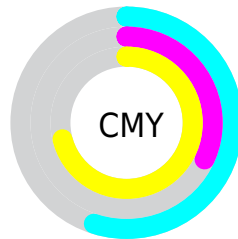


Cyan (33%)

Magenta (0%)

Yellow (58%)

Black (32%)



Cyan (55%)

Magenta (32%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5411, 34.4661, 11.7152 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 23.5411, 34.4661, 11.7152 by changing the saturation by 10% instead.

■ 23.5411, 34.4661,
11.7152

■ 23.5411, 34.4661,
11.7152

262.9759,
322.2054, 213.4212

■ 15.1164, 23.2519,
6.4299

■ 48.7404, 66.6578,
29.6319

■ 8.9880, 14.7796,
3.0352

■ 66.2458, 88.4042,
43.1004

■ 4.7904, 8.6649,
1.1126

■ 87.5089, 114.4300,
60.1337

■ 2.1583, 4.5232,
0.0000

■ 112.8949,
145.1197, 81.1504

■ 0.7206, 1.9703,
0.0000

■ 142.7692,
180.8577, 106.5689

■ 0.0000, 0.5902,
0.0000

177.4973,

■ 0.0000, 0.0000,

222.0284, 136.8078

0.0000

217.4444,
269.0162, 172.2857

■ 23.5411, 34.4661,
11.7152

■ 23.5411, 34.4661,
11.7152

■ 21.7856, 33.6198,
9.0317

■ 25.6026, 35.4537,
15.2569

■ 20.3153, 32.9023,
7.1309

■ 27.9841, 36.5851,
19.7193

■ 19.1100, 32.3064,
5.9284

■ 30.7017, 37.8684,
25.1616

■ 18.1382, 31.8186,
5.2833

■ 33.7695, 39.3098,
31.6374

■ 17.9666, 31.7323,
5.1780

■ 37.2007, 40.9149,
39.1965

■ 41.0078, 42.6891,
47.8854

■ 45.2026, 44.6377,
57.7480

■ 49.7964, 46.7654,
68.8256

■ 54.8001, 49.0771,
81.1578

Harmonies

Analogous

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



30.2701, 34.4661, 7.7503



23.5411, 34.4661, 11.7152



19.7899, 34.4661, 23.1956

Triad

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



23.5411, 34.4661, 11.7152



27.2726, 34.4661, 100.0515



51.6061, 34.4661, 30.6764

Complementary

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



23.5411, 34.4661, 11.7152



19.3841, 12.6474, 41.4658

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.



50.4288, 34.4661, 56.8034



23.5411, 34.4661, 11.7152



35.3807, 34.4661, 104.9544

Square

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



23.5411, 34.4661, 11.7152



21.6723, 34.4661, 75.2011



44.1149, 34.4661, 86.6330



47.0990, 34.4661, 15.1618

Rectangle

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



23.5411, 34.4661, 11.7152



19.0312, 34.4661, 36.7445



44.1149, 34.4661, 86.6330



51.8765, 34.4661, 38.3220

Sweetspot

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



23.5419, 34.4676, 11.7160



61.6921, 71.5073, 58.3363



26.6732, 25.5085, 9.8216



13.4562, 15.7735, 12.4148



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



23.5419, 34.4676, 11.7160



38.6087, 60.5397, 15.1329



19.3229, 32.2654, 12.7478



8.2156, 9.0998, 8.5368



13.0958, 23.0482, 3.7585



0.4277, 0.6739, 0.1075

Inverse Universe

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



19.3841, 12.6474, 41.4658



30.2919, 17.0914, 74.3393



26.8392, 16.5646, 38.4730



8.0027, 7.9757, 10.0704



9.4162, 4.2141, 29.3616



0.3228, 0.1486, 0.8197

Previews

White Background



This preview shows how the XYZ color 23.5411, 34.4661, 11.7152 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 23.5411, 34.4661, 11.7152 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 23.5411, 34.4661, 11.7152

Background



This preview shows how black text looks on a background with the XYZ color 23.5411, 34.4661, 11.7152.



This preview shows how white text looks on a background with the XYZ color 23.5411, 34.4661,

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

23.5411, 34.4661, 11.7152

Protanopia

31.1747, 34.1012, 10.4079

Deuteranopia

34.6024, 33.8612, 12.3015



Tritanopia

30.4494, 34.2345, 46.0774

Trichromacy



Original Color

23.5411, 34.4661, 11.7152

Protanomaly

27.7074, 33.8631, 10.8703

Deuteranomaly

29.4636, 33.4391, 11.9227

Tritanomaly

27.0831, 33.9371, 29.5492

Monochromacy



Original Color

23.5411, 34.4661, 11.7152

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.0498, 30.1772, 21.9573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5411, 34.4661, 11.7152 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(116, 174, 73)` looks like.

```
.text, #text, p{  
    color:rgb(116, 174, 73)  
}
```

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(116, 174, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 174, 73) }
```

Border

The CSS property to change the border of an element to XYZ 23.5411, 34.4661, 11.7152 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(116, 174, 73) }
```


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

```
.border{ border-color:rgb(116, 174, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 174, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 174, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 174, 73);  
box-shadow:4px 4px 4px 4px rgb(116, 174,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5411, 34.4661, 11.7152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 174, 73) }
```

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

```
.background{ background-color: rgb(116,  
174, 73) }
```

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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