

Converting Colors

XYZ(61.0123, 71.8812, 26.5786)

Have a look what the booklet for
XYZ(61.0123, 71.8812, 26.5786)
contains.

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Color

**XYZ(60.9378, 71.8411,
26.5745)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE372
RGB	223, 227, 114
RGB Percent	87%, 89%, 45%
CMY	0.1255, 0.1098, 0.5529
CMYK	0.02, 0.00, 0.50, 0.11
HSL	62°, 67%, 67%
HSV	62°, 50%, 89%
XYZ	60.9378, 71.8411, 26.5745
YIQ	212.9220, 33.8890, -35.9910

Conversions

Conversions Part 2

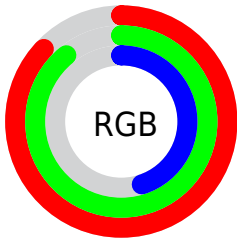
Format	Color
R_{YB}	114, 227, 118
Decimal	14672754
CIE _{Lab}	87.89, -16.67, 54.14
CIE _{LCh}	88, 56.645, 107.114
Yxy	71.8411, 0.3824, 0.4508
Android (android.graphics.Color)	4292862834 (0xFFDFE372)
YUV	212.9220, -48.7685, 8.8384
Hunter-Lab	84.7591, -19.9954, 40.7422

Details

The XYZ color **60.9378, 71.8411, 26.5745** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **27.3561, 21.4339, 75.3728**, and the grayscale version is **63.4953, 66.8020, 72.7474**.

A 20% lighter version of the original color is **84.0679, 95.6072, 51.0690**, and **31.3207, 37.9490, 10.0890** is the 20% darker color. If you saturate the color by 10%, you get **59.5561, 71.2624, 20.5822**, and if you desaturate by 10%, it is **62.6448, 72.5552, 34.2584**.

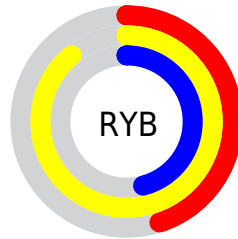
Distribution



Red (87%)

Green (89%)

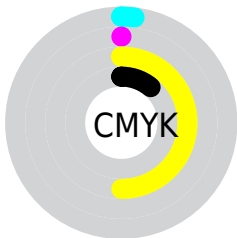
Blue (45%)



Red (45%)

Yellow (89%)

Blue (46%)

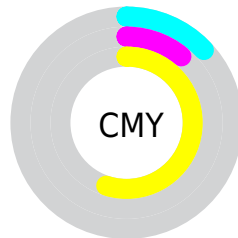


Cyan (2%)

Magenta (0%)

Yellow (50%)

Black (11%)



Cyan (13%)

Magenta (11%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9378, 71.8411, 26.5745 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 60.9378, 71.8411, 26.5745 by changing the saturation by 10% instead.

60.9378, 71.8411,
26.5745

60.9378, 71.8411,
26.5745

417.8255,
466.9883, 299.2857

44.4273, 53.0289,
17.0243

105.2875,
121.8306, 55.1957

31.2059, 37.8258,
10.0897

133.8574,
153.7767, 75.1038

20.9083, 25.8475,
5.3521

167.1779,
190.8695, 99.3017

13.1691, 16.7096,
2.3930

205.6142,
233.4934, 128.2078

7.6229, 10.0277,
0.7826

249.5318,
282.0328, 162.2407

3.9044, 5.4173,
0.0000

299.2959,

1.6482, 2.4941,

336.8722, 201.8190

0.0000

355.2720,
398.3959, 247.3611

■ 0.4235, 0.8737,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.9378, 71.8411,
26.5745

■ 60.9378, 71.8411,
26.5745

■ 59.5561, 71.2624,
20.5822

■ 62.6448, 72.5552,
34.2584

■ 58.4703, 70.7997,
16.1496


■ 64.6936, 73.4036,
43.7437


■ 57.6546, 70.4451,
13.1331

■ 67.1057, 74.3974,
55.1361


■ 57.0762, 70.1856,
11.3601


■ 69.8995, 75.5440,
68.5319


 56.6796, 69.9989,
10.5382


 73.0919, 76.8503,
84.0210

 56.6715, 69.9950,
10.5235

 76.6990, 78.3225,
101.6878

 77.7170, 78.7592,
105.7137

 77.9738, 78.8917,
105.7257

 78.2319, 79.0247,
105.7378

Harmonies

Analogous

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



74.2260, 71.8411, 25.8905



60.9378, 71.8411, 26.5745



51.0020, 71.8411, 37.8087

Triad

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



60.9378, 71.8411, 26.5745



52.1230, 71.8411, 146.1698



96.7851, 71.8411, 95.9669

Complementary

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



60.9378, 71.8411, 26.5745



27.3561, 21.4339, 75.3728

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.



89.0830, 71.8411, 140.3744



60.9378, 71.8411, 26.5745



62.6656, 71.8411, 175.1567

Square

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



60.9378, 71.8411, 26.5745



46.3913, 71.8411, 102.1565



76.1955, 71.8411, 172.7423



96.1621, 71.8411, 58.3536

Rectangle

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



60.9378, 71.8411, 26.5745



47.0844, 71.8411, 52.7664



76.1955, 71.8411, 172.7423



95.0453, 71.8411, 110.7777

Sweetspot

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



60.9395, 71.8444, 26.5760



88.9947, 97.5205, 79.6081



41.1693, 30.4496, 19.6280



18.8866, 20.8069, 16.2644



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



60.9395, 71.8444, 26.5760



77.4307, 92.7250, 26.3871



46.3892, 64.3434, 25.8950



15.5484, 16.7898, 15.3257



33.0710, 40.8302, 6.1380



2.4597, 3.0254, 0.4543

Inverse Universe

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



27.3561, 21.4339, 75.3728



28.9159, 19.8749, 96.9199



37.3997, 26.6116, 75.8428



13.6298, 13.9114, 18.1111



8.1654, 3.2753, 42.5850



0.6202, 0.2507, 3.1477

Previews

White Background



This preview shows how the XYZ color 60.9378, 71.8411, 26.5745 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 60.9378, 71.8411, 26.5745 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 60.9378, 71.8411, 26.5745

Background



This preview shows how black text looks on a background with the XYZ color 60.9378, 71.8411, 26.5745.



This preview shows how white text looks on a background with the XYZ color 60.9378, 71.8411,

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

60.9378, 71.8411, 26.5745

Protanopia

65.4800, 71.4109, 25.6618

Deuteranopia

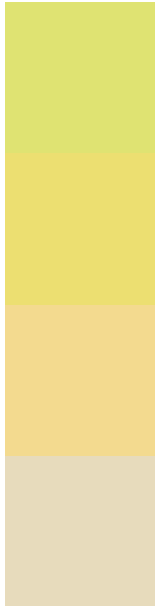
71.3794, 71.3866, 43.2746



Tritanopia

72.7313, 71.5248, 85.5736

Trichromacy



Original Color

60.9378, 71.8411, 26.5745

Protanomaly

63.9604, 71.8005, 26.1106

Deuteranomaly

66.9915, 71.1807, 36.1950

Tritanomaly

67.3636, 71.2828, 57.7855

Monochromacy



Original Color

60.9378, 71.8411, 26.5745

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.6225, 68.0688, 51.4857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9378, 71.8411, 26.5745 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(223, 227, 114)` looks like.

```
.text, #text, p{  
    color:rgb(223, 227, 114)  
}
```

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(223, 227, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 227, 114) }
```

Border

The CSS property to change the border of an element to XYZ 60.9378, 71.8411, 26.5745 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(223, 227, 114) }
```


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

```
.border{ border-color:rgb(223, 227, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 227, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 227, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 227, 114);  
box-shadow:4px 4px 4px 4px rgb(223, 227,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9378, 71.8411, 26.5745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 227, 114) }
```

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

```
.background{ background-color: rgb(223,  
227, 114) }
```

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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