

Converting Colors

XYZ(61.0771, 70.2381, 29.4070)

Have a look what the booklet for
XYZ(61.0771, 70.2381, 29.4070)
contains.

XYZ(61.0771, 70.2381, 29.4070) 3
Conversions 4
Details 6
Harmonies 12
Previews 24
Color Blindness Simulation 28
CSS Examples 31

Color

**XYZ(61.0771, 70.2381,
29.4070)**

Conversions

Conversions Part 1

Format	Color
Hex	E1DF7C
RGB	225, 223, 124
RGB Percent	88%, 87%, 49%
CMY	0.1176, 0.1255, 0.5137
CMYK	0.00, 0.01, 0.45, 0.12
HSL	59°, 63%, 68%
HSV	59°, 45%, 88%
XYZ	61.0771, 70.2381, 29.4070
YIQ	212.3120, 32.9710, -30.3650

Conversions

Conversions Part 2

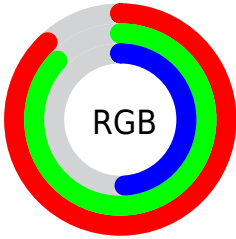
Format	Color
RYB	126, 225, 124
Decimal	14802812
CIELab	87.11, -12.99, 48.50
CIELCh	87, 50.211, 104.988
Yxy	70.2381, 0.3800, 0.4370
Android (android.graphics.Color)	4292992892 (0xFFE1DF7C)
YUV	212.3120, -43.5378, 11.1274
Hunter-Lab	83.8082, -16.5784, 37.8618

Details

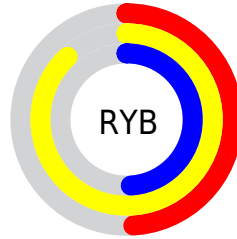
The XYZ color **61.0771, 70.2381, 29.4070** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.3636, 24.6424, 74.4429**, and the grayscale version is **63.0538, 66.3375, 72.2416**.

A 20% lighter version of the original color is **85.0359, 95.9944, 56.1664**, and **31.3208, 36.7980, 11.5828** is the 20% darker color. If you saturate the color by 10%, you get **59.6957, 69.4984, 22.7097**, and if you desaturate by 10%, it is **62.7869, 71.1147, 37.8169**.

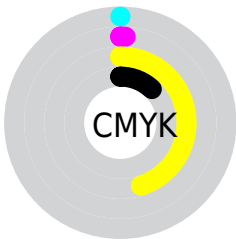
Distribution



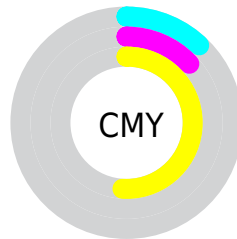
- Red (88%)
- Green (87%)
- Blue (49%)



- Red (49%)
- Yellow (88%)
- Blue (49%)



- Cyan (0%)
- Magenta (1%)
- Yellow (45%)
- Black (12%)





- Cyan (12%)
- Magenta (13%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.0771, 70.2381, 29.4070 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 61.0771, 70.2381, 29.4070 by changing the saturation by 10% instead.


 61.0771, 70.2381,
29.4070

 61.0771, 70.2381,
29.4070


418.3280,
461.3856, 313.2513


 44.5402, 51.7207,
19.1407


 105.4880,
119.5482, 59.7730

 31.2951, 36.7825,
11.5942


 134.0928,
151.1097, 80.7098

 20.9766, 25.0391,
6.3488


 167.4508,
187.7880, 106.0404

 13.2193, 16.1062,
2.9861

205.9275,
229.9676, 136.1836

 7.6577, 9.5993,
1.0875

249.8882,
278.0327, 171.5577

 3.9267, 5.1341,
0.0000

299.6983,

 1.6607, 2.3262,

332.3678, 212.5813

0.0000

355.7231,
393.3573, 259.6730

■ 0.4315, 0.7875,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.0771, 70.2381,
29.4070

■ 61.0771, 70.2381,
29.4070

■ 59.6957, 69.4984,
22.7097

■ 62.7869, 71.1147,
37.8169

■ 58.6152, 68.8770,
17.6029


■ 64.8402, 72.1267,
48.0419

■ 57.8120, 68.3671,
13.9553


■ 67.2574, 73.2848,
60.1813


■ 57.2570, 67.9569,
11.6128


■ 70.0558, 74.5957,
74.3263


 56.9143, 67.6322,
10.3867


 73.2514, 76.0662,
90.5619

 56.7911, 67.4871,
10.0331

 76.2083, 77.4416,
105.5389

 76.3290, 77.6830,
105.5791

 76.4501, 77.9251,
105.6194

 76.5714, 78.1678,
105.6599

Harmonies

Analogous

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



72.7930, 70.2381, 29.4108



61.0771, 70.2381, 29.4070



52.0071, 70.2381, 39.1928

Triad

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



61.0771, 70.2381, 29.4070



52.0014, 70.2381, 132.0431



91.0843, 70.2381, 94.5197

Complementary

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



61.0771, 70.2381, 29.4070



29.3636, 24.6424, 74.4429

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.



84.0663, 70.2381, 132.0710



61.0771, 70.2381, 29.4070



61.0684, 70.2381, 157.6909

Square

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



61.0771, 70.2381, 29.4070



47.2014, 70.2381, 94.4891



72.7832, 70.2381, 157.7024



91.0874, 70.2381, 60.9136

Rectangle

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



61.0771, 70.2381, 29.4070



48.2827, 70.2381, 52.2211



72.7832, 70.2381, 157.7024



89.4341, 70.2381, 107.2770

Sweetspot

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



61.0788, 70.2413, 29.4085



89.9563, 97.6290, 83.1050



42.1142, 31.9655, 24.1554



19.0881, 20.8180, 16.9497



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.



61.0788, 70.2413, 29.4085



79.3674, 92.3491, 30.5643



48.8932, 64.7550, 28.9917



14.8473, 15.9807, 14.6088



32.7365, 38.9109, 5.7852



2.2766, 2.7121, 0.4035

Inverse Universe

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



29.3636, 24.6424, 74.4429



32.1452, 24.4601, 97.6348



37.6226, 28.5253, 74.7571



12.9736, 13.2864, 17.2684



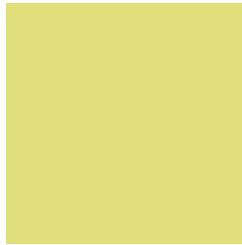
7.8692, 3.2080, 41.2528



0.5532, 0.2379, 2.8620

Previews

White Background



This preview shows how the XYZ color 61.0771, 70.2381, 29.4070 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 61.0771, 70.2381, 29.4070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

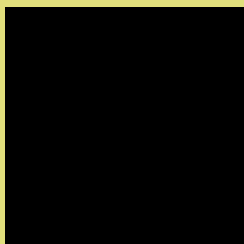
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

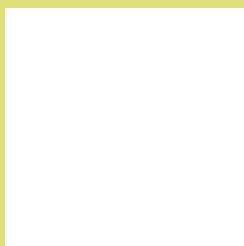
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.0771, 70.2381, 29.4070

Background



This preview shows how black text looks on a background with the XYZ color 61.0771, 70.2381, 29.4070.



This preview shows how white text looks on a background with the XYZ color 61.0771, 70.2381,

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

61.0771, 70.2381, 29.4070

Protanopia

64.5194, 70.0732, 28.5373

Deuteranopia

70.4507, 70.2151, 40.8501



Tritanopia

71.8899, 70.0228, 83.1255

Trichromacy



Original Color

61.0771, 70.2381, 29.4070

Protanomaly

63.4293, 70.2786, 28.9609

Deuteranomaly

66.6427, 69.8476, 36.3550

Tritanomaly

66.8734, 69.4744, 58.6005

Monochromacy



Original Color

61.0771, 70.2381, 29.4070

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.4094, 67.1587, 52.9063

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0771, 70.2381, 29.4070 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(225, 223, 124)` looks like.

```
.text, #text, p{  
    color:rgb(225, 223, 124)  
}
```

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(225, 223, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 223, 124) }
```

Border

The CSS property to change the border of an element to XYZ 61.0771, 70.2381, 29.4070 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(225, 223, 124) }
```


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

```
.border{ border-color:rgb(225, 223, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 223, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 223, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 223, 124);  
box-shadow:4px 4px 4px 4px rgb(225, 223,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0771, 70.2381, 29.4070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 223, 124) }
```

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

```
.background{ background-color: rgb(225,  
223, 124) }
```

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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