

Converting Colors

XYZ(41.1292, 61.2499, 30.6119)

Have a look what the booklet for
XYZ(41.1292, 61.2499, 30.6119)
contains.

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Color

**XYZ(41.0571, 61.0728,
30.7434)**

Conversions

Conversions Part 1

Format	Color
Hex	86E282
RGB	134, 226, 130
RGB Percent	53%, 89%, 51%
CMY	0.4745, 0.1137, 0.4902
CMYK	0.41, 0.00, 0.42, 0.11
HSL	118°, 62%, 70%
HSV	118°, 42%, 89%
XYZ	41.0571, 61.0728, 30.7434
YIQ	187.5480, -24.0160, -49.3600

Conversions

Conversions Part 2

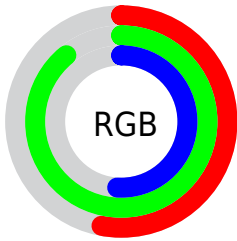
Format	Color
RYB	130, 226, 222
Decimal	8839810
CIELab	82.42, -46.25, 38.48
CIElCh	82, 60.162, 140.240
Yxy	61.0728, 0.3090, 0.4596
Android (android.graphics.Color)	4287029890 (0xFF86E282)
YUV	187.5480, -28.3712, -46.9616
Hunter-Lab	78.1491, -42.9826, 31.3800

Details

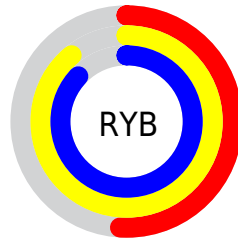
The XYZ color **41.0571, 61.0728, 30.7434** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **51.8375, 36.9879, 76.3621**, and the grayscale version is **47.7103, 50.1950, 54.6623**.

A 20% lighter version of the original color is **65.8976, 86.0571, 58.4849**, and **18.9279, 30.9337, 12.3703** is the 20% darker color. If you saturate the color by 10%, you get **36.5982, 58.9324, 23.4673**, and if you desaturate by 10%, it is **46.5592, 63.7161, 39.8099**.

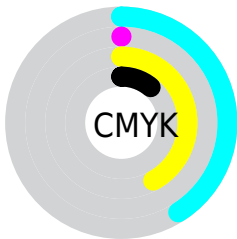
Distribution



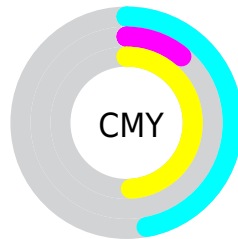
- Red (53%)
- Green (89%)
- Blue (51%)



- Red (51%)
- Yellow (89%)
- Blue (87%)



- Cyan (41%)
- Magenta (0%)
- Yellow (42%)
- Black (11%)





- Cyan (47%)
- Magenta (11%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0571, 61.0728, 30.7434 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 41.0571, 61.0728, 30.7434 by changing the saturation by 10% instead.


 41.0571, 61.0728,
30.7434


 41.0571, 61.0728,
30.7434


341.6177,
428.5409, 319.6689


 28.5516, 44.2839,
20.1467


 76.0447, 106.3843,
61.9107

 18.8844, 30.8938,
12.3166

 99.2575, 135.6758,
83.3184

 11.6903, 20.5180,
6.8345


 126.7701,
169.9036, 109.1668

 6.6039, 12.7721,
3.2820

158.9479,
209.4520, 139.8745

 3.2597, 7.2718,
1.2403

196.1562,
254.7056, 175.8600

 1.2926, 3.6327,
0.0121

238.7604,

 0.1776, 1.4703,

306.0487, 217.5419

0.0000

287.1257,
363.8656, 265.3387

0.0000, 0.2677,
0.0000

0.0000, 0.0000,
0.0000

41.0571, 61.0728,
30.7434

41.0571, 61.0728,
30.7434

36.5982, 58.9324,
23.4673

46.5592, 63.7161,
39.8099

33.1125, 57.2560,
17.8594


53.1597, 66.8830,
50.7703


30.5285, 56.0113,
13.7887


60.9155, 70.6026,
63.7248

28.7630, 55.1587,
11.1028

69.8782, 74.8994,
78.7655

 27.7173, 54.6514,
9.6183

 80.0961, 79.7965,
95.9787

 27.3154, 54.4560,
9.0714

 86.4876, 82.8752,
106.0459

Harmonies

Analogous

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



49.9161, 61.0728, 19.7632



41.0571, 61.0728, 30.7434



36.9517, 61.0728, 55.2140

Triad

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



41.0571, 61.0728, 30.7434



53.9611, 61.0728, 163.3981



84.4399, 61.0728, 44.9070

Complementary

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



41.0571, 61.0728, 30.7434



51.8375, 36.9879, 76.3621

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.



85.9478, 61.0728, 79.2231



41.0571, 61.0728, 30.7434



67.0180, 61.0728, 157.3845

Square

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



41.0571, 61.0728, 30.7434



43.6418, 61.0728, 137.0363



79.1782, 61.0728, 122.7683



75.3194, 61.0728, 25.5983

Rectangle

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



41.0571, 61.0728, 30.7434



36.9783, 61.0728, 79.8811



79.1782, 61.0728, 122.7683



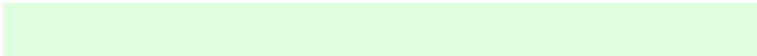
85.9011, 61.0728, 54.6998

Sweetspot

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



41.0586, 61.0754, 30.7448



79.4272, 92.5105, 82.6719



61.3054, 69.6023, 31.3235



16.4914, 19.5568, 16.8432



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.



41.0586, 61.0754, 30.7448



48.7205, 77.7742, 31.8294



43.9665, 62.1663, 49.3205



13.5813, 15.3643, 14.5566



15.6072, 31.0783, 5.1761



1.1007, 2.1639, 0.3597

Inverse Universe

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



51.8375, 36.9879, 76.3621



64.6529, 42.1219, 99.3305



47.8753, 35.5462, 49.0305



14.2357, 13.9050, 17.3213



24.1130, 11.5260, 42.0022



1.6891, 0.8081, 2.9122

Previews

White Background



This preview shows how the XYZ color 41.0571, 61.0728, 30.7434 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 41.0571, 61.0728, 30.7434 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

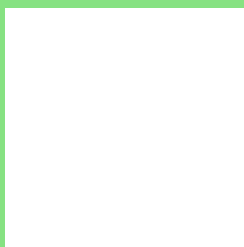
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.0571, 61.0728, 30.7434

Background



This preview shows how black text looks on a background with the XYZ color 41.0571, 61.0728, 30.7434.



This preview shows how white text looks on a background with the XYZ color 41.0571, 61.0728,

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

41.0571, 61.0728, 30.7434

Protanopia

55.5371, 60.2788, 27.1202

Deuteranopia

61.3387, 60.0695, 32.0286



Tritanopia

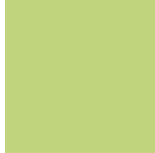
51.7968, 60.7327, 84.5939

Trichromacy



Original Color

41.0571, 61.0728, 30.7434



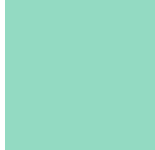
Protanomaly

48.7310, 59.6440, 28.3461



Deuteranomaly

51.2762, 58.7012, 31.1822



Tritanomaly

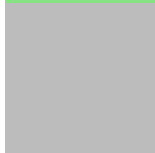
46.8416, 60.2409, 60.1978

Monochromacy



Original Color

41.0571, 61.0728, 30.7434



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

44.2440, 53.3559, 44.5260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0571, 61.0728, 30.7434 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(134, 226, 130)` looks like.

```
.text, #text, p{  
    color:rgb(134, 226, 130)  
}
```

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(134, 226, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 226, 130) }
```

Border

The CSS property to change the border of an element to XYZ 41.0571, 61.0728, 30.7434 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(134, 226, 130) }
```


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

```
.border{ border-color:rgb(134, 226, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 226, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 226, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 226, 130);  
box-shadow:4px 4px 4px 4px rgb(134, 226,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0571, 61.0728, 30.7434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 226, 130) }
```

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

```
.background{ background-color: rgb(134,  
226, 130) }
```

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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