

Converting Colors

XYZ(61.3592, 76.7003, 26.0387)

Have a look what the booklet for
XYZ(61.3592, 76.7003, 26.0387)
contains.

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Color

**XYZ(61.3592, 76.7003,
26.0387)**

Conversions

Conversions Part 1

Format	Color
Hex	D7EE6D
RGB	215, 238, 109
RGB Percent	84%, 93%, 43%
CMY	0.1569, 0.0666, 0.5725
CMYK	0.10, 0.00, 0.54, 0.07
HSL	71°, 79%, 68%
HSV	71°, 54%, 93%
XYZ	61.3592, 76.7003, 26.0387
YIQ	216.4170, 27.7010, -44.9950

Conversions

Conversions Part 2

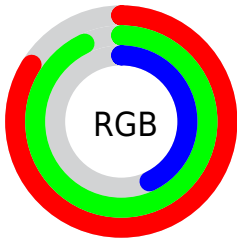
Format	Color
RYB	109, 238, 132
Decimal	14151277
CIELab	90.18, -25.55, 58.93
CIELCh	90, 64.236, 113.443
Yxy	76.7003, 0.3739, 0.4674
Android (android.graphics.Color)	4292341357 (0xFFD7EE6D)
YUV	216.4170, -52.9566, -1.2427
Hunter-Lab	87.5787, -28.2025, 43.6771

Details

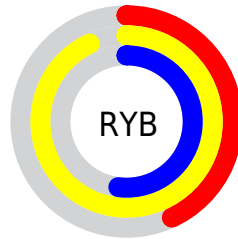
The XYZ color **61.3592, 76.7003, 26.0387** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **30.4198, 22.0178, 83.5401**, and the grayscale version is **65.8935, 69.3251, 75.4950**.

A 20% lighter version of the original color is **83.7008, 95.4603, 49.1361**, and **31.5181, 41.0008, 9.8672** is the 20% darker color. If you saturate the color by 10%, you get **59.0179, 75.6244, 20.1231**, and if you desaturate by 10%, it is **64.0834, 77.9386, 33.7856**.

Distribution



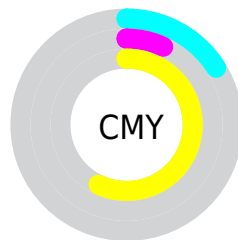
- Red (84%)
- Green (93%)
- Blue (43%)



- Red (43%)
- Yellow (93%)
- Blue (52%)



- Cyan (10%)
- Magenta (0%)
- Yellow (54%)
- Black (7%)





- Cyan (16%)
- Magenta (7%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3592, 76.7003, 26.0387 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 61.3592, 76.7003, 26.0387 by changing the saturation by 10% instead.


 61.3592, 76.7003,
26.0387

 61.3592, 76.7003,
26.0387


419.3447,
483.7416, 296.5835

 44.7688, 57.0069,
16.6266


 105.8940,
128.7163, 54.3222


 31.4758, 41.0108,
9.8095


 134.5691,
161.8078, 74.0307

 21.1150, 28.3275,
5.1689


 168.0032,
200.1341, 98.0084

 13.3211, 18.5727,
2.2862

 206.5615,
244.0796, 126.6738

 7.7285, 11.3619,
0.7235

250.6094,
294.0287, 160.4454

 3.9721, 6.3108,
0.0000

300.5124,

 1.6863, 3.0350,

350.3658, 199.7419

0.0000

356.6357,
413.4753, 244.9818

■ 0.4477, 1.1500,
0.0000

■ 0.0000, 0.0203,
0.0000

■ 61.3592, 76.7003,
26.0387

■ 61.3592, 76.7003,
26.0387

■ 59.0179, 75.6244,
20.1231

■ 64.0834, 77.9386,
33.7856

■ 57.0250, 74.6888,
15.8828


■ 67.2107, 79.3391,
43.4934


■ 55.3489, 73.8836,
13.1440


■ 70.7663, 80.9148,
55.2853


■ 53.9485, 73.1924,
11.6926


■ 74.7717, 82.6742,
69.2733

 53.2269, 72.8294,
11.2521

 79.2469, 84.6254,
85.5613

 84.2105, 86.7758,
104.2465

 86.1820, 87.7332,
106.9997

 87.6777, 88.5043,
107.0697

 89.2075, 89.2929,
107.1413

Harmonies

Analogous

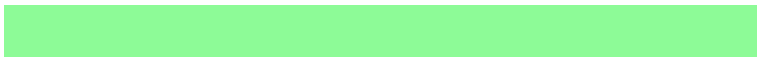
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.4632, 76.7003, 23.0860



61.3592, 76.7003, 26.0387



50.9206, 76.7003, 41.3338

Triad

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



61.3592, 76.7003, 26.0387



56.1044, 76.7003, 175.8973



107.8447, 76.7003, 93.9603

Complementary

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



61.3592, 76.7003, 26.0387



30.4198, 22.0178, 83.5401

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.



100.4413, 76.7003, 147.5788



61.3592, 76.7003, 26.0387



69.4519, 76.7003, 204.8250

Square

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



61.3592, 76.7003, 26.0387



48.2106, 76.7003, 123.5945



85.8071, 76.7003, 192.9136



104.8443, 76.7003, 53.1960

Rectangle

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



61.3592, 76.7003, 26.0387



47.2600, 76.7003, 60.8834



85.8071, 76.7003, 192.9136



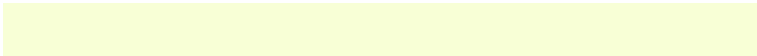
106.4589, 76.7003, 111.1536

Sweetspot

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



61.3610, 76.7038, 26.0403



86.5367, 96.2913, 77.7774



46.0723, 35.3821, 18.8702



18.3102, 20.5172, 15.8996



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.



61.3610, 76.7038, 26.0403



68.7624, 88.3239, 22.9304



46.2865, 68.9326, 25.3348



16.8303, 18.3082, 16.7965



29.7934, 40.6806, 6.2819



2.5500, 3.4211, 0.5259

Inverse Universe

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



30.4198, 22.0178, 83.5401



29.2249, 18.3149, 96.6026



43.4096, 28.7143, 84.1480



15.1601, 15.3642, 19.8882



9.2289, 3.7631, 45.3678



0.8415, 0.3511, 3.7776

Previews

White Background



This preview shows how the XYZ color 61.3592, 76.7003, 26.0387 looks on a white background.

Color Contrast Check

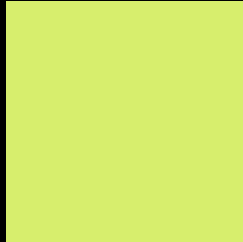
Large Text (above 18pt) WCAG AA × Fail

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 61.3592, 76.7003, 26.0387 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

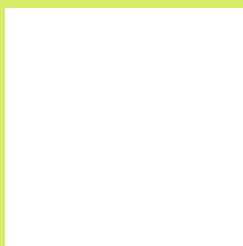
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.3592, 76.7003, 26.0387

Background



This preview shows how black text looks on a background with the XYZ color 61.3592, 76.7003, 26.0387.



This preview shows how white text looks on a background with the XYZ color 61.3592, 76.7003,

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

61.3592, 76.7003, 26.0387

Protanopia

69.8025, 76.4673, 24.4453

Deuteranopia

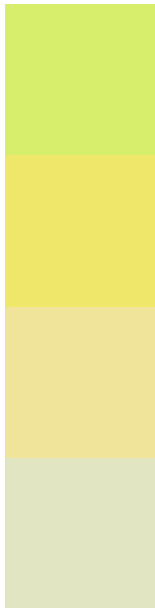
75.2331, 76.2276, 53.3960



Tritanopia

75.3158, 76.5451, 94.8095

Trichromacy



Original Color

61.3592, 76.7003, 26.0387

Protanomaly

66.4373, 76.3696, 24.8749

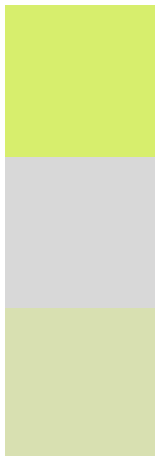
Deuteranomaly

69.2370, 75.7965, 41.5529

Tritanomaly

68.8083, 75.9412, 62.0705

Monochromacy



Original Color

61.3592, 76.7003, 26.0387

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

62.9104, 71.0846, 51.9999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3592, 76.7003, 26.0387 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(215, 238, 109)` looks like.

```
.text, #text, p{  
    color:rgb(215, 238, 109)  
}
```

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(215, 238, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 238, 109) }
```

Border

The CSS property to change the border of an element to XYZ 61.3592, 76.7003, 26.0387 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(215, 238, 109) }
```


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

```
.border{ border-color:rgb(215, 238, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 238, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 238, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 238, 109);  
box-shadow:4px 4px 4px 4px rgb(215, 238,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3592, 76.7003, 26.0387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 238, 109) }
```

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

```
.background{ background-color: rgb(215,  
238, 109) }
```

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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