

Converting Colors

XYZ(56.5787, 74.1237, 11.3253)

Have a look what the booklet for
XYZ(56.5787, 74.1237, 11.3253)
contains.

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Color

**XYZ(56.5787, 74.1237,
11.3253)**

Conversions

Conversions Part 1

Format	Color
Hex	D1ED00
RGB	209, 237, 0
RGB Percent	82%, 93%, 0%
CMY	0.1804, 0.0706, 0.9999
CMYK	0.12, 0.00, 1.00, 0.07
HSL	67°, 100%, 46%
HSV	67°, 100%, 93%
XYZ	56.5787, 74.1237, 11.3253
YIQ	201.6100, 59.3890, -79.6430

Conversions

Conversions Part 2

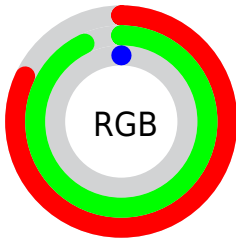
Format	Color
RYB	0, 237, 28
Decimal	13757696
CIELab	88.98, -31.90, 86.94
CIElCh	89, 92.611, 110.147
Yxy	74.1237, 0.3984, 0.5219
Android (android.graphics.Color)	4291947776 (0xFFD1ED00)
YUV	201.6100, -99.3937, 6.4810
Hunter-Lab	86.0951, -33.3625, 52.4673

Details

The XYZ color **56.5787, 74.1237, 11.3253** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **15.7673, 6.3630, 80.5225**, and the grayscale version is **56.4739, 59.4149, 64.7028**.

A 20% lighter version of the original color is **78.8883, 93.5353, 23.7938**, and **28.9183, 39.4373, 6.0880** is the 20% darker color. If you saturate the color by 10%, you get **56.5790, 74.1264, 11.3258**, and if you desaturate by 10%, it is **57.5419, 74.6041, 12.2170**.

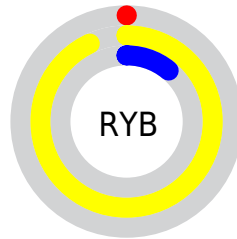
Distribution



Red (82%)

Green (93%)

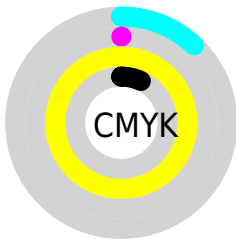
Blue (0%)



Red (0%)

Yellow (93%)

Blue (11%)

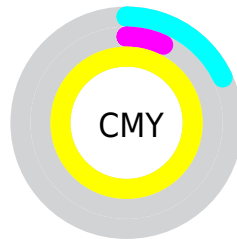


Cyan (12%)

Magenta (0%)

Yellow (100%)

Black (7%)



Cyan (18%)


Magenta (7%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5787, 74.1237, 11.3253 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 56.5787, 74.1237, 11.3253 by changing the saturation by 10% instead.


 56.5787, 74.1237,
11.3253

 56.5787, 74.1237,
11.3253


401.9085,
474.9002, 210.7028

 40.9059, 54.8953,
6.1692


 98.9851, 125.0711,
28.9059

 28.4329, 39.3179,
2.8778


 126.4494,
157.5590, 42.1675


 18.7944, 27.0071,
1.0326


 158.5750,
195.2354, 58.9680

 11.6249, 17.5786,
0.0000

 195.7271,
238.4848, 79.7259

 6.5592, 10.6478,
0.0000

 238.2712,
287.6916, 104.8598

 3.2318, 5.8306,
0.0000

 286.5725,

 1.2775, 2.7423,

343.2401, 134.7883

0.0000

340.9965,
405.5149, 169.9297

■ 0.1663, 0.9987,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5787, 74.1237,
11.3253

■ 56.5787, 74.1237,
11.3253

■ 56.5790, 74.1264,
11.3258

■ 57.5419, 74.6041,
12.2170

■ 58.7152, 75.1674,
14.1497

■ 60.1627, 75.8420,
17.4522

■ 61.9209, 76.6425,
22.3175

■ 64.0208, 77.5813,
28.9079

■ 66.4894, 78.6693,
37.3653

■ 69.3510, 79.9161,
47.8170

■ 72.6276, 81.3306,
60.3791

■ 76.3396, 82.9210,
75.1589

Harmonies

Analogous

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



78.1165, 74.1237, 9.8416



56.5787, 74.1237, 11.3253



42.1885, 74.1237, 24.5053

Triad

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



56.5787, 74.1237, 11.3253



46.2091, 74.1237, 218.0627



122.2430, 74.1237, 103.8168

Complementary

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



56.5787, 74.1237, 11.3253



15.7673, 6.3630, 80.5225

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.



109.1515, 74.1237, 188.9698



56.5787, 74.1237, 11.3253



63.3066, 74.1237, 274.6362

Square

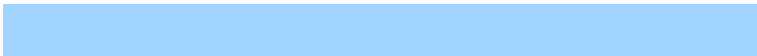
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.5787, 74.1237, 11.3253



37.1453, 74.1237, 131.3402



86.4266, 74.1237, 261.8246



119.3651, 74.1237, 45.1159

Rectangle

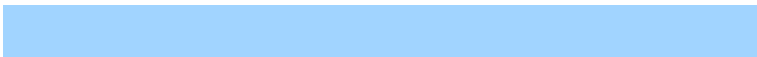
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.5787, 74.1237, 11.3253



37.0956, 74.1237, 45.5234



86.4266, 74.1237, 261.8246



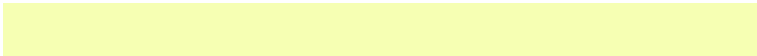
119.4733, 74.1237, 130.5135

Sweetspot

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



56.5804, 74.1271, 11.3268



81.8378, 94.3399, 56.2793



35.3350, 18.8211, 1.7715



17.1986, 20.0544, 10.8675



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.



56.5804, 74.1271, 11.3268



66.7685, 87.5055, 13.3712



34.5880, 62.7896, 10.2976



16.1665, 17.5314, 16.0505



30.9619, 40.5059, 6.1866



2.4808, 3.2062, 0.4881

Inverse Universe

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



15.7673, 6.3630, 80.5225



18.5894, 7.4981, 95.0752



27.1710, 12.2418, 81.0561



14.3965, 14.6342, 18.9881



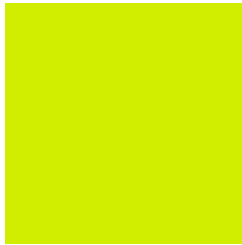
8.6634, 3.5021, 43.9623



0.7346, 0.3030, 3.4546

Previews

White Background



This preview shows how the XYZ color 56.5787, 74.1237, 11.3253 looks on a white background.

Color Contrast Check

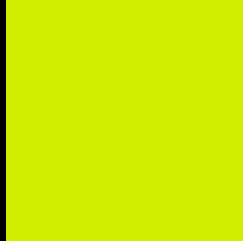
Large Text (above 18pt) WCAG AA × Fail

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 56.5787, 74.1237, 11.3253 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 56.5787, 74.1237, 11.3253

Background



This preview shows how black text looks on a background with the XYZ color 56.5787, 74.1237, 11.3253.



This preview shows how white text looks on a background with the XYZ color 56.5787, 74.1237, 11.3253.

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

56.5787, 74.1237, 11.3253

Protanopia

66.8005, 74.0068, 10.7640

Deuteranopia

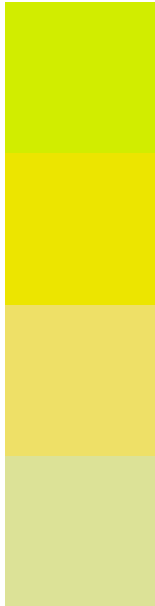
72.5744, 73.4943, 44.5432



Tritanopia

72.7044, 73.6903, 91.2806

Trichromacy



Original Color

56.5787, 74.1237, 11.3253

Protanomaly

62.6114, 73.8715, 10.9587

Deuteranomaly

64.3637, 72.4677, 23.4273

Tritanomaly

62.2975, 71.8427, 39.8618

Monochromacy



Original Color

56.5787, 74.1237, 11.3253

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

53.4397, 63.1650, 30.1444

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5787, 74.1237, 11.3253 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(209, 237, 0)` looks like.

```
.text, #text, p{  
    color:rgb(209, 237, 0)  
}
```

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(209, 237, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 237, 0) }
```

Border

The CSS property to change the border of an element to XYZ 56.5787, 74.1237, 11.3253 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(209, 237, 0) }
```


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

```
.border{ border-color:rgb(209, 237, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 237, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 237, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 237, 0);  
box-shadow:4px 4px 4px 4px rgb(209, 237,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5787, 74.1237, 11.3253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 237, 0) }
```

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

```
.background{ background-color: rgb(209,  
237, 0) }
```

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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