

Converting Colors

XYZ(58.3847, 69.2336, 11.9553)

Have a look what the booklet for
XYZ(58.3847, 69.2336, 11.9553)
contains.

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Color

**XYZ(58.3847, 69.2336,
11.9553)**

Conversions

Conversions Part 1

Format	Color
Hex	E3DF24
RGB	227, 223, 36
RGB Percent	89%, 87%, 14%
CMY	0.1098, 0.1255, 0.8588
CMYK	0.00, 0.02, 0.84, 0.11
HSL	59°, 77%, 52%
HSV	59°, 84%, 89%
XYZ	58.3847, 69.2336, 11.9553
YIQ	202.8780, 62.4110, -57.3090

Conversions

Conversions Part 2

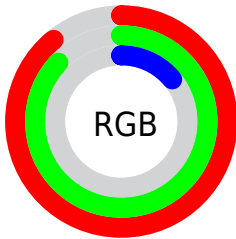
Format	Color
RYB	40, 227, 36
Decimal	14933796
CIELab	86.62, -17.29, 81.16
CIELCh	87, 82.982, 102.028
Yxy	69.2336, 0.4183, 0.4960
Android (android.graphics.Color)	4293123876 (0xFFE3DF24)
YUV	202.8780, -82.2709, 21.1550
Hunter-Lab	83.2067, -20.3615, 49.7258

Details

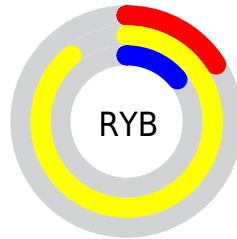
The XYZ color **58.3847, 69.2336, 11.9553** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **15.3519, 7.4392, 73.2994**, and the grayscale version is **57.1632, 60.1402, 65.4926**.

A 20% lighter version of the original color is **79.3983, 93.7393, 26.4791**, and **29.9390, 36.2208, 5.4134** is the 20% darker color. If you saturate the color by 10%, you get **58.0157, 68.8860, 10.6299**, and if you desaturate by 10%, it is **58.9766, 69.6762, 14.4389**.

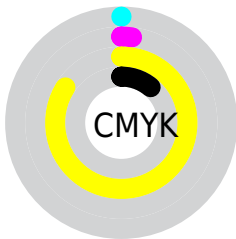
Distribution



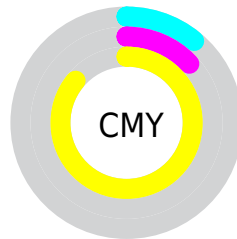
- Red (89%)
- Green (87%)
- Blue (14%)



- Red (16%)
- Yellow (89%)
- Blue (14%)



- Cyan (0%)
- Magenta (2%)
- Yellow (84%)
- Black (11%)





- Cyan (11%)
- Magenta (13%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3847, 69.2336, 11.9553 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 58.3847, 69.2336, 11.9553 by changing the saturation by 10% instead.


 58.3847, 69.2336,
11.9553

 58.3847, 69.2336,
11.9553


408.5487,
457.8544, 215.0765

 42.3625, 50.9020,
6.5911


 101.6026,
118.1152, 30.0768

 29.5776, 36.1306,
3.1332


 129.5290,
149.4339, 43.6712


 19.6646, 24.5351,
1.1630


 162.1541,
185.8505, 60.8461

 12.2584, 15.7310,
0.0000

 199.8434,
227.7492, 82.0200

 6.9933, 9.3340,
0.0000

 242.9621,
275.5146, 107.6115

 3.5042, 4.9597,
0.0000

 291.8757,

 1.4257, 2.2236,

329.5310, 138.0390

0.0000

346.9494,
390.1828, 173.7212

■ 0.2744, 0.7328,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3847, 69.2336,
11.9553

■ 58.3847, 69.2336,
11.9553

■ 58.0157, 68.8860,
10.6299

■ 58.9766, 69.6762,
14.4389

■ 57.8669, 68.7079,
10.2120

■ 59.8227, 70.2184,
18.2661

■ 60.9541, 70.8753,
23.5939

■ 62.3962, 71.6570,
30.5566

■ 64.1719, 72.5728,
39.2737

■ 66.3016, 73.6307,
49.8535

■ 68.8043, 74.8384,
62.3956

■ 71.6976, 76.2029,
76.9925

■ 74.9978, 77.7308,
93.7308

Harmonies

Analogous

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



77.9064, 69.2336, 12.8090



58.3847, 69.2336, 11.9553



43.9935, 69.2336, 20.8564

Triad

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



58.3847, 69.2336, 11.9553



41.9494, 69.2336, 171.0247



107.6932, 69.2336, 113.0762

Complementary

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



58.3847, 69.2336, 11.9553



15.3519, 7.4392, 73.2994

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.



93.8438, 69.2336, 184.8093



58.3847, 69.2336, 11.9553



55.0256, 69.2336, 227.9781

Square

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



58.3847, 69.2336, 11.9553



35.8218, 69.2336, 99.7166



73.8276, 69.2336, 233.9841



109.0796, 69.2336, 55.3710

Rectangle

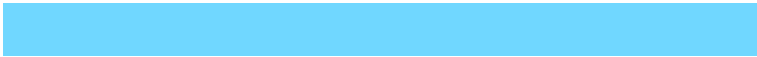
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.3847, 69.2336, 11.9553



38.2158, 69.2336, 35.7752



73.8276, 69.2336, 233.9841



104.2319, 69.2336, 136.8808

Sweetspot

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



58.3863, 69.2368, 11.9567



86.0078, 95.7051, 63.3744



32.7343, 17.7631, 3.9294



18.1915, 20.3774, 12.4808



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.



58.3863, 69.2368, 11.9567



75.3226, 89.4252, 13.2909



38.2475, 60.4576, 11.3236



15.5744, 16.7627, 15.3191



33.7599, 40.0939, 5.9596



2.5030, 2.9793, 0.4431

Inverse Universe

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



15.3519, 7.4392, 73.2994



18.1079, 7.3357, 95.0693



22.9740, 11.1789, 73.6195



13.6069, 13.9352, 18.1169



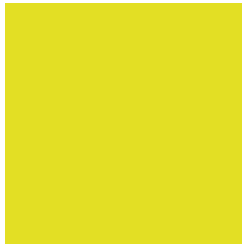
8.1267, 3.3155, 42.5948



0.6091, 0.2622, 3.1505

Previews

White Background



This preview shows how the XYZ color 58.3847, 69.2336, 11.9553 looks on a white background.

Color Contrast Check

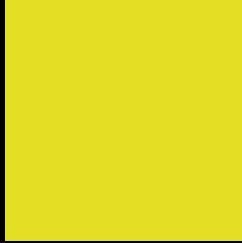
Large Text (above 18pt) WCAG AA × Fail

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 58.3847, 69.2336, 11.9553 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 58.3847, 69.2336, 11.9553

Background



This preview shows how black text looks on a background with the XYZ color 58.3847, 69.2336, 11.9553.



This preview shows how white text looks on a background with the XYZ color 58.3847, 69.2336,

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

58.3847, 69.2336, 11.9553

Protanopia

62.4098, 68.9743, 11.5374

Deuteranopia

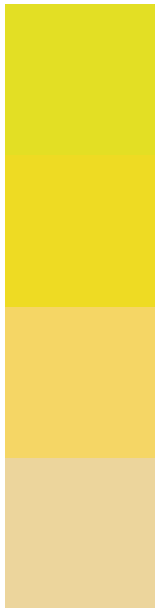
68.6279, 68.6959, 33.6873



Tritanopia

72.2860, 69.1943, 80.0670

Trichromacy



Original Color

58.3847, 69.2336, 11.9553

Protanomaly

60.8948, 68.9615, 11.6915

Deuteranomaly

64.0517, 68.4452, 22.1473

Tritanomaly

64.3871, 67.8217, 41.1498

Monochromacy



Original Color

58.3847, 69.2336, 11.9553

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.0805, 62.0432, 34.6637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3847, 69.2336, 11.9553 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(227, 223, 36)` looks like.

```
.text, #text, p{  
    color:rgb(227, 223, 36)  
}
```

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(227, 223, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 223, 36) }
```

Border

The CSS property to change the border of an element to XYZ 58.3847, 69.2336, 11.9553 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(227, 223, 36) }
```


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

```
.border{ border-color:rgb(227, 223, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 223, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 223, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 223, 36);  
box-shadow:4px 4px 4px 4px rgb(227, 223,  
36) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3847, 69.2336, 11.9553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 223, 36) }
```

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

```
.background{ background-color: rgb(227,  
223, 36) }
```

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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