

Converting Colors

XYZ(63.6060, 73.3462, 14.0940)

Have a look what the booklet for
XYZ(63.6060, 73.3462, 14.0940)
contains.

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Color

**XYZ(63.6855, 73.5368,
14.0863)**

Conversions

Conversions Part 1

Format	Color
Hex	EFE334
RGB	239, 227, 52
RGB Percent	94%, 89%, 20%
CMY	0.0627, 0.1098, 0.7960
CMYK	0.00, 0.05, 0.78, 0.06
HSL	56°, 85%, 57%
HSV	56°, 78%, 94%
XYZ	63.6855, 73.5368, 14.0863
YIQ	210.6380, 63.3270, -51.8810

Conversions

Conversions Part 2

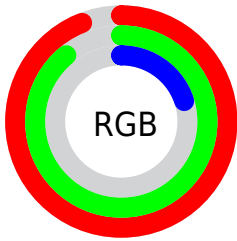
Format	Color
RYB	65, 239, 52
Decimal	15721268
CIELab	88.70, -13.78, 79.37
CIELCh	89, 80.558, 99.850
Yxy	73.5368, 0.4209, 0.4860
Android (android.graphics.Color)	4293911348 (0xFFEFE334)
YUV	210.6380, -78.2085, 24.8735
Hunter-Lab	85.7536, -17.5046, 50.2883

Details

The XYZ color **63.6855, 73.5368, 14.0863** 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 **18.8299, 10.6291, 82.7199**, and the grayscale version is **62.1504, 65.3871, 71.2065**.

A 20% lighter version of the original color is **79.9806, 93.9723, 29.5458**, and **33.3429, 39.0888, 5.7875** is the 20% darker color. If you saturate the color by 10%, you get **62.8606, 72.5418, 11.7943**, and if you desaturate by 10%, it is **64.7896, 74.6551, 17.8158**.

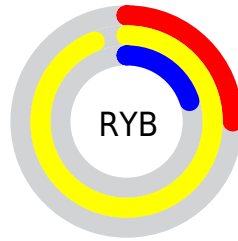
Distribution



Red (94%)

Green (89%)

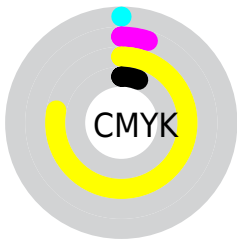
Blue (20%)



Red (25%)

Yellow (94%)

Blue (20%)

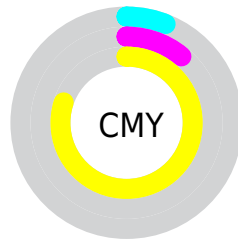


Cyan (0%)

Magenta (5%)

Yellow (78%)

Black (6%)



Cyan (6%)

Magenta (11%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.6855, 73.5368, 14.0863 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 63.6855, 73.5368, 14.0863 by changing the saturation by 10% instead.

63.6855, 73.5368,
14.0863

63.6855, 73.5368,
14.0863

427.6733,
472.8732, 229.2141

46.6567, 54.4150,
8.0413

109.2341,
124.2390, 33.9614

32.9712, 38.9336,
4.0332

138.4847,
156.5881, 48.6286

22.2635, 26.7080,
1.6436

172.5400,
194.1152, 67.0069

14.1683, 17.3541,
0.3216

211.7652,
237.2046, 89.5148

8.3203, 10.4873,
0.0000

256.5258,
286.2407, 116.5710

4.3541, 5.7232,
0.0000

307.1871,

1.9044, 2.6775,

341.6079, 148.5939

0.0000

364.1145,
403.6906, 186.0021

■ 0.5794, 0.9658,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.6855, 73.5368,
14.0863

■ 63.6855, 73.5368,
14.0863

■ 62.8606, 72.5418,
11.7943

■ 64.7896, 74.6551,
17.8158


■ 62.2591, 71.6393,
10.6672


■ 66.2042, 75.9007,
23.1689


■ 62.1636, 71.4851,
10.5216


■ 67.9615, 77.2895,
30.3085


■ 70.0885, 78.8321,
39.3765

 72.6096, 80.5384,
50.5008

 75.5469, 82.4173,
63.7981

 78.9208, 84.4769,
79.3764

 82.7507, 86.7249,
97.3365

 85.0430, 88.3639,
107.1814

Harmonies

Analogous

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



83.5972, 73.5368, 15.7088



63.6855, 73.5368, 14.0863



48.5500, 73.5368, 22.7488

Triad

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



63.6855, 73.5368, 14.0863



44.9176, 73.5368, 170.2670



111.2488, 73.5368, 122.9626

Complementary

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



63.6855, 73.5368, 14.0863



18.8299, 10.6291, 82.7199

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.



96.7253, 73.5368, 193.7770



63.6855, 73.5368, 14.0863



57.7776, 73.5368, 228.7444

Square

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



63.6855, 73.5368, 14.0863



39.1231, 73.5368, 99.8408



76.4945, 73.5368, 238.9205



113.6367, 73.5368, 63.0968

Rectangle

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



63.6855, 73.5368, 14.0863



42.2684, 73.5368, 37.3954



76.4945, 73.5368, 238.9205



107.5116, 73.5368, 146.8777

Sweetspot

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



63.6872, 73.5403, 14.0878



85.8154, 94.4049, 66.1327



37.7636, 21.1829, 7.0199



18.1104, 20.0403, 12.9931



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.



63.6872, 73.5403, 14.0878



72.3787, 83.3960, 12.7455



45.5809, 69.2465, 14.2133



17.0310, 18.2752, 16.7796



34.3907, 39.5794, 5.8270



2.8870, 3.3447, 0.4934

Inverse Universe

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



18.8299, 10.6291, 82.7199



18.7334, 8.2871, 95.2199



26.4870, 13.6783, 82.9049



14.9786, 15.3914, 19.9030



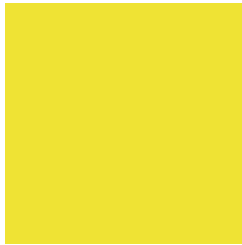
8.7386, 3.7015, 45.3818



0.7553, 0.3646, 3.7848

Previews

White Background



This preview shows how the XYZ color 63.6855, 73.5368, 14.0863 looks on a white background.

Color Contrast Check

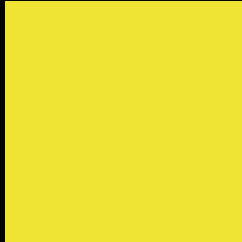
Large Text (above 18pt) WCAG AA × Fail

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 63.6855, 73.5368, 14.0863 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 63.6855, 73.5368, 14.0863

Background



This preview shows how black text looks on a background with the XYZ color 63.6855, 73.5368, 14.0863.



This preview shows how white text looks on a background with the XYZ color 63.6855, 73.5368,

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

63.6855, 73.5368, 14.0863

Protanopia

66.4096, 73.3384, 13.7875

Deuteranopia

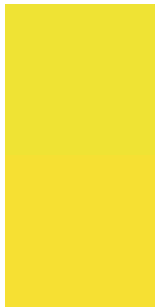
72.5744, 73.4943, 44.5432



Tritanopia

78.0551, 73.5711, 83.4855

Trichromacy



Original Color

63.6855, 73.5368, 14.0863

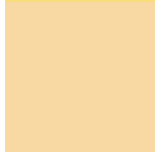
Protanomaly

65.2592, 73.1432, 13.8105



Deuteranomaly

68.4362, 73.2578, 28.9455



Tritanomaly

70.2251, 72.2625, 45.3688

Monochromacy



Original Color

63.6855, 73.5368, 14.0863



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

60.3814, 67.2978, 39.9443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6855, 73.5368, 14.0863 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(239, 227, 52)` looks like.

```
.text, #text, p{  
    color:rgb(239, 227, 52)  
}
```

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(239, 227, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 227, 52) }
```

Border

The CSS property to change the border of an element to XYZ 63.6855, 73.5368, 14.0863 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(239, 227, 52) }
```


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

```
.border{ border-color:rgb(239, 227, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 227, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 227, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 227, 52);  
box-shadow:4px 4px 4px 4px rgb(239, 227,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6855, 73.5368, 14.0863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 227, 52) }
```

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

```
.background{ background-color: rgb(239,  
227, 52) }
```

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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