

Converting Colors

XYZ(61.0441, 73.0467, 13.4399)

Have a look what the booklet for
XYZ(61.0441, 73.0467, 13.4399)
contains.

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Color

**XYZ(61.1456, 73.0589,
13.4638)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E52E
RGB	230, 229, 46
RGB Percent	90%, 90%, 18%
CMY	0.0980, 0.1019, 0.8196
CMYK	0.00, 0.00, 0.80, 0.10
HSL	60°, 79%, 54%
HSV	60°, 80%, 90%
XYZ	61.1456, 73.0589, 13.4638
YIQ	208.4370, 59.3390, -56.7010

Conversions

Conversions Part 2

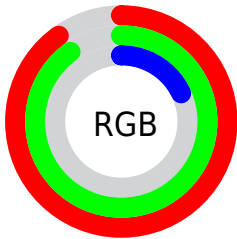
Format	Color
R_{YB}	47, 230, 46
Decimal	15131950
CIE _{Lab}	88.48, -18.70, 80.49
CIE _{LCh}	88, 82.634, 103.077
Yxy	73.0589, 0.4141, 0.4948
Android (android.graphics.Color)	4293322030 (0xFFE6E52E)
YUV	208.4370, -80.0814, 18.9108
Hunter-Lab	85.4745, -21.8874, 50.4929

Details

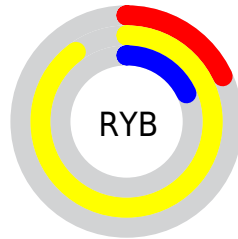
The XYZ color **61.1456, 73.0589, 13.4638** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **16.4265, 8.3273, 75.6039**, and the grayscale version is **60.7174, 63.8795, 69.5647**.

A 20% lighter version of the original color is **79.7603, 93.8841, 28.3856**, and **31.7136, 38.8182, 5.8212** is the 20% darker color. If you saturate the color by 10%, you get **60.7744, 72.8582, 11.6710**, and if you desaturate by 10%, it is **61.7628, 73.3635, 16.5369**.

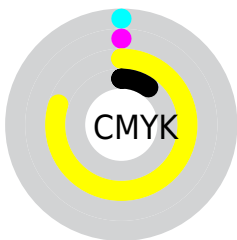
Distribution



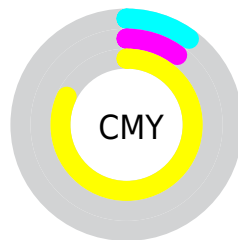
- Red (90%)
- Green (90%)
- Blue (18%)



- Red (18%)
- Yellow (90%)
- Blue (18%)



- Cyan (0%)
- Magenta (0%)
- Yellow (80%)
- Black (10%)



- Cyan (10%)
- Magenta (10%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1456, 73.0589, 13.4638 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 61.1456, 73.0589, 13.4638 by changing the saturation by 10% instead.

61.1456, 73.0589,
13.4638

61.1456, 73.0589,
13.4638

418.5750,
471.2189, 225.1803

44.5957, 54.0241,
7.6142

105.5866,
123.5608, 32.8379

31.3390, 38.6209,
3.7649

134.2085,
155.7968, 47.1994

21.0102, 26.4650,
1.4973

167.5850,
193.2019, 65.2354

13.2440, 17.1718,
0.2159

206.0815,
236.1606, 87.3643

7.6749, 10.3571,
0.0000

250.0634,
285.0572, 114.0047

3.9377, 5.6363,
0.0000

299.8961,

1.6669, 2.6252,

340.2762, 145.5752

0.0000

355.9448,
402.2020, 182.4942

■ 0.4354, 0.9394,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.1456, 73.0589,
13.4638

■ 61.1456, 73.0589,
13.4638

■ 60.7744, 72.8582,
11.6710

■ 61.7628, 73.3635,
16.5369

■ 60.5854, 72.7277,
10.8449

■ 62.6548, 73.7753,
21.0650

■ 60.5853, 72.7277,
10.8447

■ 63.8521, 74.3093,
27.2000

■ 65.3796, 74.9754,
35.0737

■ 67.2598, 75.7826,
44.8046

■ 69.5131, 76.7391,
56.5003

■ 72.1585, 77.8525,
70.2606

■ 75.2136, 79.1298,
86.1782

■ 78.6950, 80.5776,
104.3405

Harmonies

Analogous

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



81.1727, 73.0589, 14.0542



61.1456, 73.0589, 13.4638



46.4679, 73.0589, 23.3846

Triad

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



61.1456, 73.0589, 13.4638



45.0935, 73.0589, 180.1918



112.8069, 73.0589, 115.8620

Complementary

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



61.1456, 73.0589, 13.4638



16.4265, 8.3273, 75.6039

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.



98.9565, 73.0589, 189.3043



61.1456, 73.0589, 13.4638



58.8966, 73.0589, 236.9760

Square

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



61.1456, 73.0589, 13.4638



38.4641, 73.0589, 106.9780



78.4531, 73.0589, 240.9359



113.7273, 73.0589, 57.2611

Rectangle

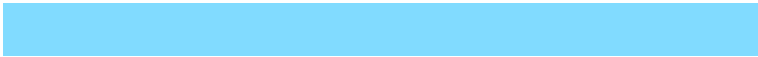
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.1456, 73.0589, 13.4638



40.6294, 73.0589, 39.5613



78.4531, 73.0589, 240.9359



109.4037, 73.0589, 140.1299

Sweetspot

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



61.1473, 73.0623, 13.4653



86.6099, 96.4555, 64.9742



34.1662, 18.9999, 4.7806



18.3232, 20.5541, 12.7920



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.



61.1473, 73.0623, 13.4653



76.6359, 91.9623, 14.0043



39.7864, 62.4595, 12.5446



15.5946, 16.8032, 15.3259



34.3034, 41.1809, 6.1407



2.5371, 3.0475, 0.4545

Inverse Universe

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



16.4265, 8.3273, 75.6039



18.3034, 7.5373, 95.0979



25.2418, 12.8135, 76.0053



13.5891, 13.8996, 18.1110



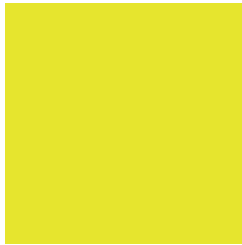
8.0966, 3.2554, 42.5848



0.6005, 0.2450, 3.1476

Previews

White Background



This preview shows how the XYZ color 61.1456, 73.0589, 13.4638 looks on a white background.

Color Contrast Check

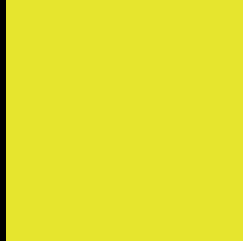
Large Text (above 18pt) WCAG AA × Fail

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 61.1456, 73.0589, 13.4638 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 61.1456, 73.0589, 13.4638

Background



This preview shows how black text looks on a background with the XYZ color 61.1456, 73.0589, 13.4638.



This preview shows how white text looks on a background with the XYZ color 61.1456, 73.0589,

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

61.1456, 73.0589, 13.4638

Protanopia

66.0002, 72.7484, 12.9461

Deuteranopia

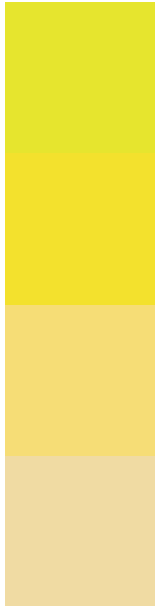
72.0539, 72.8749, 43.0695



Tritanopia

75.7334, 72.7141, 84.9066

Trichromacy



Original Color

61.1456, 73.0589, 13.4638

Protanomaly

64.3610, 73.0946, 13.1991

Deuteranomaly

67.1325, 72.6137, 27.6171

Tritanomaly

67.8776, 71.8326, 44.9379

Monochromacy



Original Color

61.1456, 73.0589, 13.4638

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.2996, 65.8806, 38.0773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1456, 73.0589, 13.4638 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(230, 229, 46)` looks like.

```
.text, #text, p{  
    color:rgb(230, 229, 46)  
}
```

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(230, 229, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 229, 46) }
```

Border

The CSS property to change the border of an element to XYZ 61.1456, 73.0589, 13.4638 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(230, 229, 46) }
```


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

```
.border{ border-color:rgb(230, 229, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 229, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 229, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 229, 46);  
box-shadow:4px 4px 4px 4px rgb(230, 229,  
46) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1456, 73.0589, 13.4638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 229, 46) }
```

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

```
.background{ background-color: rgb(230,  
229, 46) }
```

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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