

Converting Colors

XYZ(62.0408, 70.3211, 14.9480)

Have a look what the booklet for
XYZ(62.0408, 70.3211, 14.9480)
contains.

XYZ(62.0136, 70.2489, 14.9936)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.0136, 70.2489,
14.9936)**

Conversions

Conversions Part 1

Format	Color
Hex	EEDD3F
RGB	238, 221, 63
RGB Percent	93%, 87%, 25%
CMY	0.0667, 0.1333, 0.7529
CMYK	0.00, 0.07, 0.74, 0.07
HSL	54°, 84%, 59%
HSV	54°, 74%, 93%
XYZ	62.0136, 70.2489, 14.9936
YIQ	208.0710, 60.8500, -45.5340

Conversions

Conversions Part 2

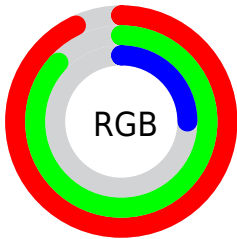
Format	Color
R_{YB}	82, 238, 63
Decimal	15654207
CIE _{Lab}	87.12, -10.81, 74.51
CIE _{LCh}	87, 75.293, 98.258
Yxy	70.2489, 0.4211, 0.4771
Android (android.graphics.Color)	4293844287 (0xFFEEDD3F)
YUV	208.0710, -71.5200, 26.2477
Hunter-Lab	83.8146, -14.6052, 48.0638

Details

The XYZ color **62.0136, 70.2489, 14.9936** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **20.3515, 12.9672, 82.3188**, and the grayscale version is **60.4239, 63.5706, 69.2284**.

A 20% lighter version of the original color is **80.4512, 94.1605, 32.0237**, and **31.9963, 36.7374, 5.4046** is the 20% darker color. If you saturate the color by 10%, you get **60.8814, 68.8290, 12.0140**, and if you desaturate by 10%, it is **63.4447, 71.8072, 19.4916**.

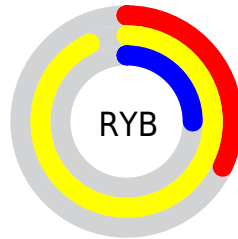
Distribution



Red (93%)

Green (87%)

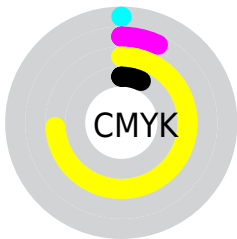
Blue (25%)



Red (32%)

Yellow (93%)

Blue (25%)

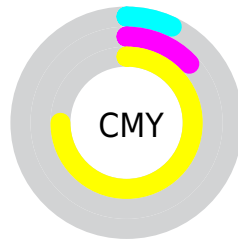


Cyan (0%)

Magenta (7%)

Yellow (74%)

Black (7%)



Cyan (7%)


Magenta (13%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.0136, 70.2489, 14.9936 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 62.0136, 70.2489, 14.9936 by changing the saturation by 10% instead.


 62.0136, 70.2489,
14.9936

 62.0136, 70.2489,
14.9936


421.6975,
461.4235, 234.9669

 45.2993, 51.7295,
8.6683


 106.8350,
119.5636, 35.5841


 31.8955, 36.7895,
4.4316


 135.6729,
151.1277, 50.6864


 21.4369, 25.0445,
1.8650


 169.2826,
187.8088, 69.5514

 13.5580, 16.1102,
0.4703

 208.0296,
229.9914, 92.5978

 7.8935, 9.6022,
0.0000

 252.2793,
278.0597, 120.2440

 4.0781, 5.1360,
0.0000

302.3969,

 1.7464, 2.3273,

332.3982, 152.9085

0.0000

358.7478,
393.3913, 191.0100

■ 0.4851, 0.7881,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.0136, 70.2489,
14.9936

■ 62.0136, 70.2489,
14.9936

■ 60.8814, 68.8290,
12.0140

■ 63.4447, 71.8072,
19.4916

■ 60.0032, 67.5214,
10.3377


■ 65.2028, 73.5070,
25.6772


■ 59.5316, 66.7208,
9.7408

■ 67.3180, 75.3633,
33.7016


■ 69.8157, 77.3862,
43.6981

 72.7189, 79.5849,
55.7879

 76.0488, 81.9680,
70.0822

 79.8250, 84.5433,
86.6843

 84.0659, 87.3184,
105.6912

 85.0044, 88.7863,
107.2650

Harmonies

Analogous

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



80.1439, 70.2489, 17.0760



62.0136, 70.2489, 14.9936



47.8858, 70.2489, 22.7446

Triad

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



62.0136, 70.2489, 14.9936



43.5123, 70.2489, 153.8191



103.5063, 70.2489, 118.4289

Complementary

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



62.0136, 70.2489, 14.9936



20.3515, 12.9672, 82.3188

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.



90.0607, 70.2489, 180.9833



62.0136, 70.2489, 14.9936



54.9724, 70.2489, 206.9151

Square

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



62.0136, 70.2489, 14.9936



38.5046, 70.2489, 91.3126



71.7625, 70.2489, 218.5937



106.2929, 70.2489, 63.3636

Rectangle

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



62.0136, 70.2489, 14.9936



41.8707, 70.2489, 35.9089



71.7625, 70.2489, 218.5937



99.9821, 70.2489, 139.8501

Sweetspot

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



62.0152, 70.2522, 14.9950



85.5838, 93.4721, 67.5032



38.5043, 22.3194, 9.9664



18.1061, 19.8508, 13.5495



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.



62.0152, 70.2522, 14.9950



70.6802, 79.7531, 12.9375



47.6207, 69.8328, 15.6727



16.9841, 18.1813, 16.7639



33.2661, 37.3303, 5.4522



2.8052, 3.1810, 0.4661

Inverse Universe

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



20.3515, 12.9672, 82.3188



19.8486, 9.9962, 95.4911



26.8838, 14.7155, 82.3120



15.0207, 15.4755, 19.9170



8.8234, 3.8710, 45.4100



0.7754, 0.4048, 3.7915

Previews

White Background



This preview shows how the XYZ color 62.0136, 70.2489, 14.9936 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 62.0136, 70.2489, 14.9936 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 62.0136, 70.2489, 14.9936

Background



This preview shows how black text looks on a background with the XYZ color 62.0136, 70.2489, 14.9936.



This preview shows how white text looks on a background with the XYZ color 62.0136, 70.2489,

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

62.0136, 70.2489, 14.9936

Protanopia

63.8572, 70.4233, 14.7849

Deuteranopia

69.7226, 69.9239, 37.0160



Tritanopia

75.0398, 69.9258, 78.6492

Trichromacy



Original Color

62.0136, 70.2489, 14.9936

Protanomaly

63.0807, 70.4114, 14.8235

Deuteranomaly

66.5197, 70.0016, 26.5287

Tritanomaly

68.0011, 68.8617, 44.8295

Monochromacy



Original Color

62.0136, 70.2489, 14.9936

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.9241, 65.0151, 40.4539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0136, 70.2489, 14.9936 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(238, 221, 63)` looks like.

```
.text, #text, p{  
    color:rgb(238, 221, 63)  
}
```

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(238, 221, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 221, 63) }
```

Border

The CSS property to change the border of an element to XYZ 62.0136, 70.2489, 14.9936 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(238, 221, 63) }
```


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

```
.border{ border-color:rgb(238, 221, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 221, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 221, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 221, 63);  
box-shadow:4px 4px 4px 4px rgb(238, 221,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0136, 70.2489, 14.9936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 221, 63) }
```

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

```
.background{ background-color: rgb(238,  
221, 63) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor