

Converting Colors

XYZ(62.7621, 69.6034, 14.8277)

Have a look what the booklet for
XYZ(62.7621, 69.6034, 14.8277)
contains.

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Color

**XYZ(62.5866, 69.3789,
14.7954)**

Conversions

Conversions Part 1

Format	Color
Hex	F2DA3F
RGB	242, 218, 63
RGB Percent	95%, 85%, 25%
CMY	0.0510, 0.1451, 0.7529
CMYK	0.00, 0.10, 0.74, 0.05
HSL	52°, 87%, 60%
HSV	52°, 74%, 95%
XYZ	62.5866, 69.3789, 14.7954
YIQ	207.5060, 64.0590, -43.1170

Conversions

Conversions Part 2

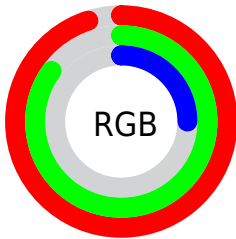
Format	Color
R _Y B	91, 242, 63
Decimal	15915583
CIE Lab	86.69, -7.64, 74.23
CIE LCh	87, 74.624, 95.876
Yxy	69.3789, 0.4265, 0.4727
Android (android.graphics.Color)	4294105663 (0xFFFF2DA3F)
YUV	207.5060, -71.2415, 30.2512
Hunter-Lab	83.2940, -11.6407, 47.7742

Details

The XYZ color **62.5866, 69.3789, 14.7954** 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 **21.4853, 14.2839, 85.6287**, and the grayscale version is **60.0535, 63.1809, 68.8040**.

A 20% lighter version of the original color is **80.4512, 94.1605, 32.0237**, and **32.3886, 36.1395, 5.2686** is the 20% darker color. If you saturate the color by 10%, you get **61.2208, 67.5024, 11.7052**, and if you desaturate by 10%, it is **64.2691, 71.4138, 19.4578**.

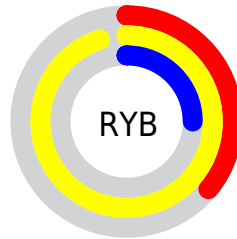
Distribution



Red (95%)

Green (85%)

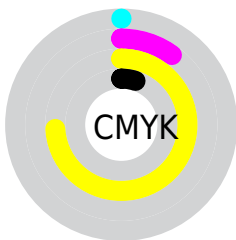
Blue (25%)



Red (36%)

Yellow (95%)

Blue (25%)

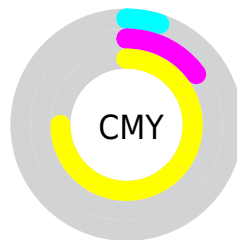


Cyan (0%)

Magenta (10%)

Yellow (74%)

Black (5%)



Cyan (5%)

Magenta (15%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5866, 69.3789, 14.7954 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 62.5866, 69.3789, 14.7954 by changing the saturation by 10% instead.

■ 62.5866, 69.3789,
14.7954

■ 62.5866, 69.3789,
14.7954

423.7512,
458.3662, 233.7224

■ 45.7642, 51.0203,
8.5309

■ 107.6580,
118.3226, 35.2311

■ 32.2637, 36.2248,
4.3439

■ 136.6378,
149.6765, 50.2393

■ 21.7195, 24.6079,
1.8158

■ 170.4008,
186.1310, 68.9992

■ 13.7664, 15.7851,
0.4384

■ 209.3124,
228.0705, 91.9293

■ 8.0390, 9.3722,
0.0000

■ 253.7378,
275.8794, 119.4481

■ 4.1719, 4.9848,
0.0000

304.0425,

■ 1.7998, 2.2383,

329.9420, 151.9742

0.0000

360.5919,
390.6428, 189.9261

■ 0.5176, 0.7408,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.5866, 69.3789,
14.7954

■ 62.5866, 69.3789,
14.7954

■ 61.2208, 67.5024,
11.7052

■ 64.2691, 71.4138,
19.4578

■ 60.1245, 65.7572,
9.9608


■ 66.2981, 73.6111,
25.8703


■ 59.5561, 64.7538,
9.3598


■ 68.7051, 75.9863,
34.1915


■ 71.5168, 78.5501,
44.5608

 74.7572, 81.3123,
57.1050

 78.4486, 84.2820,
71.9404

 82.6114, 87.4675,
89.1749

 87.0056, 90.7728,
107.5430

 87.9901, 92.7418,
107.8711

Harmonies

Analogous

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



80.5347, 69.3789, 17.6002



62.5866, 69.3789, 14.7954



48.2646, 69.3789, 21.5686

Triad

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



62.5866, 69.3789, 14.7954



42.4416, 69.3789, 146.4832



101.3055, 69.3789, 121.6918

Complementary

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



62.5866, 69.3789, 14.7954



21.4853, 14.2839, 85.6287

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.



87.4827, 69.3789, 182.3794



62.5866, 69.3789, 14.7954



53.2290, 69.3789, 200.5506

Square

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



62.5866, 69.3789, 14.7954



38.0187, 69.3789, 85.7489



69.4164, 69.3789, 215.9612



104.9942, 69.3789, 66.1787

Rectangle

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



62.5866, 69.3789, 14.7954



42.0070, 69.3789, 33.6290



69.4164, 69.3789, 215.9612



97.5848, 69.3789, 142.7934

Sweetspot

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



62.5882, 69.3822, 14.7968



84.9450, 92.1944, 67.2902



40.2349, 23.1685, 11.9918



17.9531, 19.5449, 13.4985



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.



62.5882, 69.3822, 14.7968



68.2616, 74.9669, 11.9740



51.3211, 73.4886, 16.1832



16.9317, 18.0765, 16.7464



32.0678, 34.9337, 5.0527



2.7173, 3.0053, 0.4369

Inverse Universe

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



21.4853, 14.2839, 85.6287



20.0672, 10.5414, 95.5848



26.3579, 14.3757, 85.3896



15.0681, 15.5703, 19.9328



8.9492, 4.1227, 45.4520



0.7979, 0.4497, 3.7990

Previews

White Background



This preview shows how the XYZ color 62.5866, 69.3789, 14.7954 looks on a white background.

Color Contrast Check

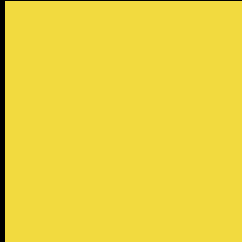
Large Text (above 18pt) WCAG AA × Fail

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 62.5866, 69.3789, 14.7954 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 62.5866, 69.3789, 14.7954

Background



This preview shows how black text looks on a background with the XYZ color 62.5866, 69.3789, 14.7954.



This preview shows how white text looks on a background with the XYZ color 62.5866, 69.3789,

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

62.5866, 69.3789, 14.7954

Protanopia

62.9308, 69.5564, 14.8115

Deuteranopia

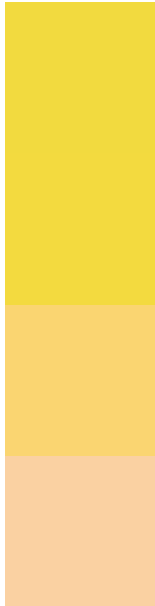
69.0943, 69.2763, 34.9293



Tritanopia

75.2521, 69.3710, 76.4416

Trichromacy



Original Color

62.5866, 69.3789, 14.7954

Protanomaly

62.9308, 69.5564, 14.8115

Deuteranomaly

66.1992, 69.1047, 25.4723

Tritanomaly

68.7464, 68.5336, 43.7874

Monochromacy



Original Color

62.5866, 69.3789, 14.7954

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.9751, 64.6692, 40.3844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5866, 69.3789, 14.7954 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(242, 218, 63)` looks like.

```
.text, #text, p{  
    color:rgb(242, 218, 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(242, 218, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 218, 63) }
```

Border

The CSS property to change the border of an element to XYZ 62.5866, 69.3789, 14.7954 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(242, 218, 63) }
```


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

```
.border{ border-color:rgb(242, 218, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 218, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 218, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 218, 63);  
box-shadow:4px 4px 4px 4px rgb(242, 218,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5866, 69.3789, 14.7954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 218, 63) }
```

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

```
.background{ background-color: rgb(242,  
218, 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](#).

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