

Converting Colors

XYZ(62.8660, 62.5879, 15.0705)

Have a look what the booklet for
XYZ(62.8660, 62.5879, 15.0705)
contains.

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Color

**XYZ(62.8660, 62.5879,
15.0706)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC749
RGB	255, 199, 73
RGB Percent	100%, 78%, 29%
CMY	0.0000, 0.2196, 0.7137
CMYK	0.00, 0.22, 0.71, 0.00
HSL	42°, 100%, 64%
HSV	42°, 71%, 100%
XYZ	62.8660, 62.5879, 15.0706
YIQ	201.3800, 73.8220, -27.3140

Conversions

Conversions Part 2

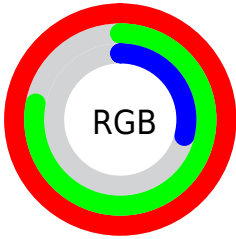
Format	Color
RYB	154, 255, 73
Decimal	16762697
CIELab	83.23, 7.95, 67.62
CIELCh	83, 68.088, 83.297
Yxy	62.5879, 0.4474, 0.4454
Android (android.graphics.Color)	4294952777 (0xFFFFC749)
YUV	201.3800, -63.2913, 47.0247
Hunter-Lab	79.1125, 3.3964, 44.0843

Details

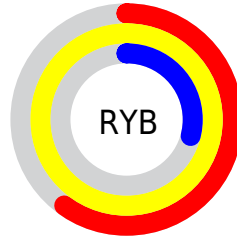
The XYZ color **62.8660, 62.5879, 15.0706** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **28.6476, 24.3361, 97.7945**, and the grayscale version is **56.1036, 59.0253, 64.2786**.

A 20% lighter version of the original color is **80.8963, 94.3385, 34.3675**, and **32.3790, 31.7223, 4.4452** is the 20% darker color. If you saturate the color by 10%, you get **60.4291, 58.8013, 10.9078**, and if you desaturate by 10%, it is **65.7452, 66.7053, 21.0907**.

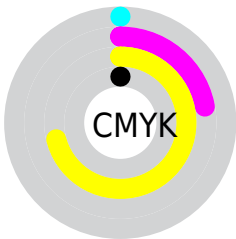
Distribution



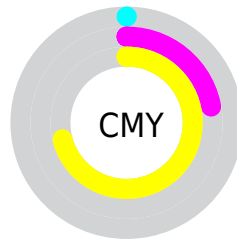
- Red (100%)
- Green (78%)
- Blue (29%)



- Red (60%)
- Yellow (100%)
- Blue (29%)



- Cyan (0%)
- Magenta (22%)
- Yellow (71%)
- Black (0%)





- Cyan (0%)
- Magenta (22%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.8660, 62.5879, 15.0706 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 62.8660, 62.5879, 15.0706 by changing the saturation by 10% instead.


 62.8660, 62.5879,
15.0706


 62.8660, 62.5879,
15.0706


424.7504,
434.0723, 235.4486

 45.9911, 45.5079,
8.7218


 108.0591,
108.5748, 35.7210

 32.4434, 31.8577,
4.4658


 137.1079,
138.2504, 50.8597

 21.8575, 21.2528,
1.8842


 170.9454,
172.8934, 69.7655

 13.8683, 13.3089,
0.4827

 209.9369,
212.8881, 92.8568

 8.1102, 7.6416,
0.0000

 254.4478,
258.6190, 120.5522

 4.2179, 3.8665,
0.0000

304.8435,

 1.8262, 1.5992,

310.4704, 153.2703

0.0000

361.4892,
368.8267, 191.4296

■ 0.5334, 0.3570,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.8660, 62.5879,
15.0706

■ 62.8660, 62.5879,
15.0706

■ 60.4291, 58.8013,
10.9078

■ 65.7452, 66.7053,
21.0907

■ 58.3834, 55.3154,
8.3591

■ 69.1015, 71.1621,
29.1637

■ 56.8724, 52.5253,
7.1409

■ 72.9705, 75.9772,
39.4642

■ 77.3828, 81.1649,
52.1472

■ 82.3664, 86.7385,
67.3537

■ 87.9473, 92.7103,
85.2136

■ 94.1493, 99.0918,
105.8478

■ 95.0497, 99.9998,
108.9000

Harmonies

Analogous

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



78.1349, 62.5879, 21.5140



62.8660, 62.5879, 15.0706



48.9440, 62.5879, 17.4044

Triad

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



62.8660, 62.5879, 15.0706



37.0230, 62.5879, 105.6594



85.2973, 62.5879, 129.2620

Complementary

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



62.8660, 62.5879, 15.0706



28.6476, 24.3361, 97.7945

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.



71.4468, 62.5879, 173.5265



62.8660, 62.5879, 15.0706



44.0721, 62.5879, 156.4130

Square

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



62.8660, 62.5879, 15.0706



35.4974, 62.5879, 59.0849



56.2331, 62.5879, 185.1088



92.4011, 62.5879, 78.0926

Rectangle

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



62.8660, 62.5879, 15.0706



42.0539, 62.5879, 24.4257



56.2331, 62.5879, 185.1088



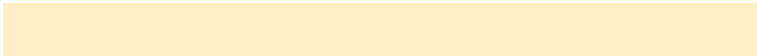
81.1762, 62.5879, 146.1764

Sweetspot

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



62.8674, 62.5910, 15.0718



82.5632, 86.9534, 67.9684



47.6946, 27.6543, 24.1676



17.3635, 18.2729, 13.5879



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.



62.8674, 62.5910, 15.0718



59.4370, 57.1518, 9.5439



66.9745, 87.4723, 19.6579



19.0620, 20.0922, 19.0178



29.8558, 27.7229, 3.7775



3.0039, 2.8932, 0.4001

Inverse Universe

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



28.6476, 24.3361, 97.7945



23.6342, 17.3239, 96.7059



26.4206, 15.0724, 96.1238



17.4588, 18.2891, 22.8599



10.9872, 6.8841, 50.1843



1.1617, 0.8541, 4.9169

Previews

White Background



This preview shows how the XYZ color 62.8660, 62.5879, 15.0706 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 62.8660, 62.5879, 15.0706 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 62.8660, 62.5879, 15.0706

Background



This preview shows how black text looks on a background with the XYZ color 62.8660, 62.5879, 15.0706.



This preview shows how white text looks on a background with the XYZ color 62.8660, 62.5879,

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

62.8660, 62.5879, 15.0706

Protanopia

57.1046, 62.7756, 15.7638

Deuteranopia

63.5454, 62.4927, 19.7794



Tritanopia

70.3141, 62.3512, 64.2061

Trichromacy



Original Color

62.8660, 62.5879, 15.0706

Protanomaly

59.0025, 62.6823, 15.4677

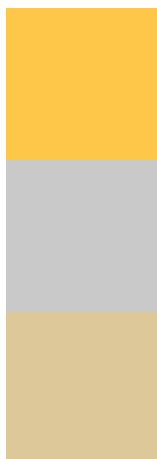
Deuteranomaly

63.1955, 62.3527, 17.9370

Tritanomaly

66.2264, 61.7665, 39.4420

Monochromacy



Original Color

62.8660, 62.5879, 15.0706

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.3058, 59.0138, 38.9950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8660, 62.5879, 15.0706 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(255, 199, 73)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 73)  
}
```

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(255, 199, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 73) }
```

Border

The CSS property to change the border of an element to XYZ 62.8660, 62.5879, 15.0706 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(255, 199, 73) }
```


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

```
.border{ border-color:rgb(255, 199, 73) }
```

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

Here you see how a box with a 4 pixel rgb(255, 199, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 73);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8660, 62.5879, 15.0706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 73) }
```

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

```
.background{ background-color: rgb(255,  
199, 73) }
```

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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