

Converting Colors

XYZ(62.4255, 61.1084, 16.7687)

Have a look what the booklet for
XYZ(62.4255, 61.1084, 16.7687)
contains.

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Color

**XYZ(62.3164, 60.9147,
16.6569)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC353
RGB	255, 195, 83
RGB Percent	100%, 76%, 33%
CMY	0.0000, 0.2353, 0.6745
CMYK	0.00, 0.24, 0.67, 0.00
HSL	39°, 100%, 66%
HSV	39°, 67%, 100%
XYZ	62.3164, 60.9147, 16.6569
YIQ	200.1720, 71.7120, -22.1120

Conversions

Conversions Part 2

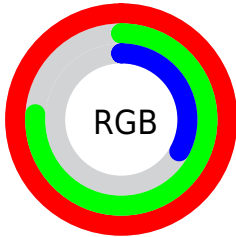
Format	Color
R _Y B	175, 255, 83
Decimal	16761683
CIE Lab	82.33, 10.52, 62.57
CIE LCh	82, 63.453, 80.457
Yxy	60.9147, 0.4455, 0.4355
Android (android.graphics.Color)	4294951763 (0xFFFFC353)
YUV	200.1720, -57.7658, 48.0842
Hunter-Lab	78.0479, 5.9374, 41.9799

Details

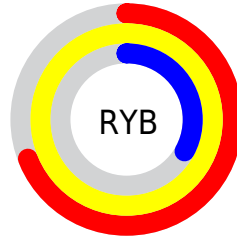
The XYZ color **62.3164, 60.9147, 16.6569** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **31.4393, 28.7028, 98.4903**, and the grayscale version is **55.3211, 58.2021, 63.3821**.

A 20% lighter version of the original color is **80.2525, 92.0605, 37.2066**, and **32.0966, 30.8855, 5.1895** is the 20% darker color. If you saturate the color by 10%, you get **59.5735, 56.7255, 11.7463**, and if you desaturate by 10%, it is **65.5428, 65.4921, 23.5150**.

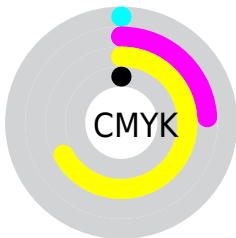
Distribution



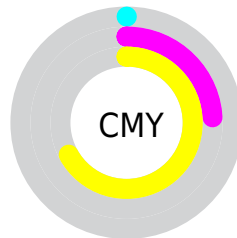
- Red (100%)
- Green (76%)
- Blue (33%)



- Red (69%)
- Yellow (100%)
- Blue (33%)



- Cyan (0%)
- Magenta (24%)
- Yellow (67%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.3164, 60.9147, 16.6569 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 62.3164, 60.9147, 16.6569 by changing the saturation by 10% instead.


 62.3164, 60.9147,
16.6569

 62.3164, 60.9147,
16.6569


422.7835,
427.9612, 245.1640

 45.5450, 44.1563,
9.8308


 107.2700,
106.1554, 38.5175

 32.0900, 30.7934,
5.1828


 136.1830,
135.4066, 54.3890


 21.5861, 20.4416,
2.2943


 169.8738,
169.5907, 74.1128

 13.6680, 12.7165,
0.7280

 208.7078,
209.0924, 98.1073

 7.9703, 7.2336,
0.0000

 253.0505,
254.2958, 126.7912

 4.1276, 3.6086,
0.0000

303.2670,

 1.7746, 1.4571,

305.5855, 160.5829

0.0000

359.7229,
363.3458, 199.9010

■ 0.5023, 0.2583,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.3164, 60.9147,
16.6569

■ 62.3164, 60.9147,
16.6569

■ 59.5735, 56.7255,
11.7463

■ 65.5428, 65.4921,
23.5150

■ 57.2657, 52.8946,
8.5582

■ 69.2859, 70.4669,
32.5051

■ 55.3378, 49.3990,
6.8051

■ 73.5805, 75.8586,
43.7943

■ 54.8859, 48.5523,
6.4787

■ 78.4567, 81.6822,
57.5318

■ 83.9422, 87.9519,
73.8540

■ 90.0628, 94.6807,
92.8875

95.0497, 99.9999,
108.9000

Harmonies

Analogous

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



76.0804, 60.9147, 23.8781



62.3164, 60.9147, 16.6569



49.2767, 60.9147, 18.1592

Triad

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



62.3164, 60.9147, 16.6569



36.7921, 60.9147, 95.9065



80.3536, 60.9147, 125.9321

Complementary

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



62.3164, 60.9147, 16.6569



31.4393, 28.7028, 98.4903

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.



67.4695, 60.9147, 163.4262



62.3164, 60.9147, 16.6569



42.8705, 60.9147, 141.9220

Square

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



62.3164, 60.9147, 16.6569



35.8541, 60.9147, 54.7298



53.6928, 60.9147, 170.2055



87.5127, 60.9147, 79.4538

Rectangle

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



62.3164, 60.9147, 16.6569



42.6109, 60.9147, 24.2667



53.6928, 60.9147, 170.2055



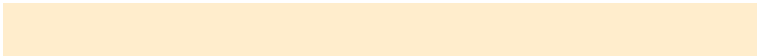
76.4623, 60.9147, 140.6577

Sweetspot

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



62.3178, 60.9177, 16.6581



82.4844, 86.3103, 69.4389



49.3065, 29.4362, 29.1499



17.3212, 18.0939, 13.8644



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.



62.3178, 60.9177, 16.6581



58.7070, 55.3255, 10.4299



69.6981, 88.8350, 21.6577



18.9967, 19.9616, 18.9961



28.8245, 25.6603, 3.4337



2.9090, 2.7033, 0.3685

Inverse Universe

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



31.4393, 28.7028, 98.4903



26.0664, 21.4117, 97.3668



27.4258, 16.6457, 96.3745



17.5212, 18.4139, 22.8807



11.4214, 7.7523, 50.3290



1.2098, 0.9502, 4.9329

Previews

White Background



This preview shows how the XYZ color 62.3164, 60.9147, 16.6569 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 62.3164, 60.9147, 16.6569 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 62.3164, 60.9147, 16.6569

Background



This preview shows how black text looks on a background with the XYZ color 62.3164, 60.9147, 16.6569.



This preview shows how white text looks on a background with the XYZ color 62.3164, 60.9147,

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

62.3164, 60.9147, 16.6569

Protanopia

55.5059, 60.8285, 17.6197

Deuteranopia

62.3164, 60.9147, 16.6569



Tritanopia

69.2034, 60.8779, 61.5293

Trichromacy



Original Color

62.3164, 60.9147, 16.6569

Protanomaly

57.7862, 60.6063, 17.2469

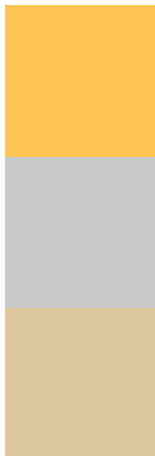
Deuteranomaly

62.3164, 60.9147, 16.6569

Tritanomaly

65.6542, 60.4872, 39.6673

Monochromacy



Original Color

62.3164, 60.9147, 16.6569

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.7951, 58.0381, 40.1601

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3164, 60.9147, 16.6569 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, 195, 83)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 83)  
}
```

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, 195, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 83) }
```

Border

The CSS property to change the border of an element to XYZ 62.3164, 60.9147, 16.6569 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, 195, 83) }
```


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

```
.border{ border-color:rgb(255, 195, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 83);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3164, 60.9147, 16.6569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 83) }
```

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

```
.background{ background-color: rgb(255,  
195, 83) }
```

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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