

Converting Colors

XYZ(62.1128, 61.0518, 16.6944)

Have a look what the booklet for
XYZ(62.1128, 61.0518, 16.6944)
contains.

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Color

**XYZ(62.1743, 61.1752,
16.7147)**

Conversions

Conversions Part 1

Format	Color
Hex	FEC453
RGB	254, 196, 83
RGB Percent	100%, 77%, 33%
CMY	0.0039, 0.2313, 0.6745
CMYK	0.00, 0.23, 0.67, 0.00
HSL	40°, 99%, 66%
HSV	40°, 67%, 100%
XYZ	62.1743, 61.1752, 16.7147
YIQ	200.4600, 70.8410, -22.8470

Conversions

Conversions Part 2

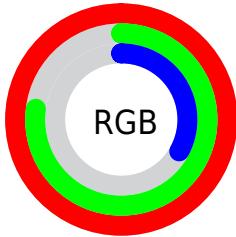
Format	Color
R_{YB}	171, 254, 83
Decimal	16696403
CIE _{Lab}	82.47, 9.59, 62.69
CIE _{LCh}	82, 63.421, 81.307
Yxy	61.1752, 0.4439, 0.4368
Android (android.graphics.Color)	4294886483 (0xFFFECA53)
YUV	200.4600, -57.9078, 46.9546
Hunter-Lab	78.2146, 5.0176, 42.0797

Details

The XYZ color **62.1743, 61.1752, 16.7147** 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 **30.9812, 28.0435, 97.5454**, and the grayscale version is **55.5007, 58.3910, 63.5878**.

A 20% lighter version of the original color is **80.5658, 92.6869, 37.3110**, and **31.9902, 31.0526, 5.2274** is the 20% darker color. If you saturate the color by 10%, you get **59.4802, 57.0796, 11.8328**, and if you desaturate by 10%, it is **65.3419, 65.6436, 23.5268**.

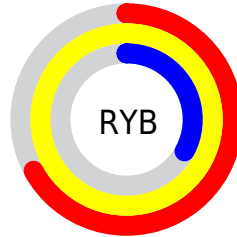
Distribution



Red (100%)

Green (77%)

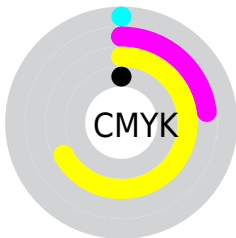
Blue (33%)



Red (67%)

Yellow (100%)

Blue (33%)

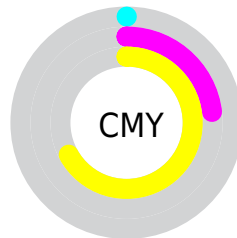


Cyan (0%)

Magenta (23%)

Yellow (67%)

Black (0%)



Cyan (0%)

Magenta (23%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1743, 61.1752, 16.7147 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 62.1743, 61.1752, 16.7147 by changing the saturation by 10% instead.

62.1743, 61.1752,
16.7147

62.1743, 61.1752,
16.7147

422.2740,
428.9161, 245.5109

45.4297, 44.3666,
9.8715

107.0659,
106.5326, 38.6185

31.9987, 30.9588,
5.2093

135.9436,
135.8501, 54.5162

21.5161, 20.5675,
2.3097

169.5964,
170.1061, 74.2691

13.6164, 12.8082,
0.7367

208.3897,
209.6849, 98.2957

7.9342, 7.2966,
0.0000

252.6887,
254.9709, 127.0147

4.1043, 3.6483,
0.0000

302.8588,

1.7613, 1.4788,

306.3485, 160.8445

0.0000

359.2655,
364.2021, 200.2038

■ 0.4942, 0.2738,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.1743, 61.1752,
16.7147

■ 62.1743, 61.1752,
16.7147

■ 59.4802, 57.0796,
11.8328

■ 65.3419, 65.6436,
23.5268

■ 57.2120, 53.3275,
8.6589

■ 69.0157, 70.4934,
32.4515

■ 55.3155, 49.8966,
6.9109

■ 73.2298, 75.7437,
43.6538

■ 54.8489, 49.0230,
6.5715

■ 78.0140, 81.4089,
57.2814

■ 83.3954, 87.5028,
73.4692

■ 89.3994, 94.0380,
92.3423

94.6828, 99.8107,
108.8828

Harmonies

Analogous

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



76.0085, 61.1752, 23.6841



62.1743, 61.1752, 16.7147



49.1795, 61.1752, 18.4608

Triad

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



62.1743, 61.1752, 16.7147



37.0862, 61.1752, 97.5803



80.9528, 61.1752, 125.0194

Complementary

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



62.1743, 61.1752, 16.7147



30.9812, 28.0435, 97.5454

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.



68.1392, 61.1752, 163.1617



62.1743, 61.1752, 16.7147



43.3259, 61.1752, 143.5068

Square

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



62.1743, 61.1752, 16.7147



35.9989, 61.1752, 55.9521



54.2940, 61.1752, 170.9967



87.9024, 61.1752, 78.5407

Rectangle

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



62.1743, 61.1752, 16.7147



42.5818, 61.1752, 24.7994



54.2940, 61.1752, 170.9967



77.1023, 61.1752, 139.8876

Sweetspot

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



62.1757, 61.1782, 16.7159



82.6274, 86.5962, 69.4866



48.9130, 29.2364, 28.9931



17.3556, 18.1628, 13.8759



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.



62.1757, 61.1782, 16.7159



59.1212, 56.1539, 10.5680



69.1091, 88.0590, 21.5390



19.0120, 19.9922, 19.0012



29.0594, 26.1300, 3.5120



2.9307, 2.7468, 0.3757

Inverse Universe

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



30.9812, 28.0435, 97.5454



25.8278, 20.9345, 97.2872



27.2469, 16.5720, 95.5280



17.5065, 18.3846, 22.8758



11.3139, 7.5373, 50.2931



1.1980, 0.9267, 4.9290

Previews

White Background



This preview shows how the XYZ color 62.1743, 61.1752, 16.7147 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 62.1743, 61.1752, 16.7147 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 62.1743, 61.1752, 16.7147

Background



This preview shows how black text looks on a background with the XYZ color 62.1743, 61.1752, 16.7147.



This preview shows how white text looks on a background with the XYZ color 62.1743, 61.1752,

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

62.1743, 61.1752, 16.7147

Protanopia

56.0641, 61.4725, 17.7146

Deuteranopia

62.4348, 60.9621, 17.2803



Tritanopia

69.3191, 60.9242, 62.1389

Trichromacy



Original Color

62.1743, 61.1752, 16.7147

Protanomaly

58.0201, 61.0741, 17.3248

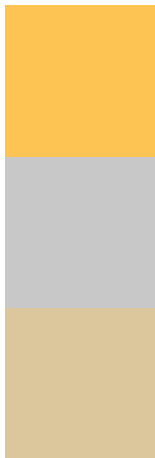
Deuteranomaly

62.3948, 60.9461, 17.0695

Tritanomaly

65.7393, 60.5212, 40.1152

Monochromacy



Original Color

62.1743, 61.1752, 16.7147

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.0244, 58.4968, 40.2365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1743, 61.1752, 16.7147 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(254, 196, 83)` looks like.

```
.text, #text, p{  
    color:rgb(254, 196, 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(254, 196, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 196, 83) }
```

Border

The CSS property to change the border of an element to XYZ 62.1743, 61.1752, 16.7147 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(254, 196, 83) }
```


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

```
.border{ border-color:rgb(254, 196, 83) }
```

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

Here you see how a box with a 4 pixel rgb(254, 196, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 196, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 196, 83);  
box-shadow:4px 4px 4px 4px rgb(254, 196,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1743, 61.1752, 16.7147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 196, 83) }
```

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

```
.background{ background-color: rgb(254,  
196, 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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