

Converting Colors

XYZ(62.8495, 61.4031, 22.1751)

Have a look what the booklet for
XYZ(62.8495, 61.4031, 22.1751)
contains.

XYZ(62.8495, 61.4031, 22.1751)	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(62.8495, 61.4031,
22.1751)**

Conversions

Conversions Part 1

Format	Color
Hex	FDC46A
RGB	253, 196, 106
RGB Percent	99%, 77%, 42%
CMY	0.0078, 0.2313, 0.5843
CMYK	0.00, 0.23, 0.58, 0.01
HSL	37°, 97%, 70%
HSV	37°, 58%, 99%
XYZ	62.8495, 61.4031, 22.1751
YIQ	202.7830, 62.8620, -15.9060

Conversions

Conversions Part 2

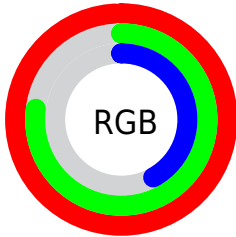
Format	Color
R _Y B	199, 253, 106
Decimal	16630890
CIE Lab	82.59, 10.62, 52.32
CIE LCh	83, 53.389, 78.521
Yxy	61.4031, 0.4292, 0.4193
Android (android.graphics.Color)	4294820970 (0xFFFDC46A)
YUV	202.7830, -47.7140, 44.0403
Hunter-Lab	78.3601, 6.0374, 38.0736

Details

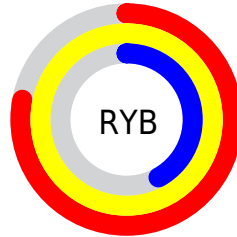
The XYZ color **62.8495, 61.4031, 22.1751** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **36.7701, 36.3489, 98.0063**, and the grayscale version is **56.8922, 59.8550, 65.1821**.

A 20% lighter version of the original color is **82.3084, 93.3840, 46.4877**, and **32.3312, 30.9498, 7.7599** is the 20% darker color. If you saturate the color by 10%, you get **59.5825, 56.6733, 15.5249**, and if you desaturate by 10%, it is **66.6521, 66.5835, 30.9193**.

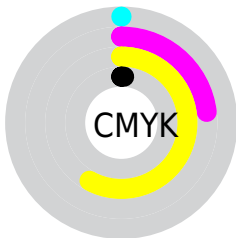
Distribution



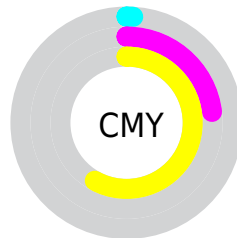
- Red (99%)
- Green (77%)
- Blue (42%)



- Red (78%)
- Yellow (99%)
- Blue (42%)



- Cyan (0%)
- Magenta (23%)
- Yellow (58%)
- Black (1%)





- Cyan (1%)
- Magenta (23%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.8495, 61.4031, 22.1751 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 62.8495, 61.4031, 22.1751 by changing the saturation by 10% instead.


 62.8495, 61.4031,
22.1751

 62.8495, 61.4031,
22.1751


424.6914,
429.7505, 276.4426

 45.9777, 44.5506,
13.7861


 108.0354,
106.8624, 47.9411

 32.4327, 31.1036,
7.8350


 137.0801,
136.2379, 66.1552

 21.8494, 20.6777,
3.9033


 170.9132,
170.5566, 88.4814

 13.8623, 12.8886,
1.5724

 209.9001,
210.2027, 115.3382

 8.1060, 7.3519,
0.2710

254.4059,
255.5608, 147.1442

 4.2152, 3.6831,
0.0000

304.7962,

 1.8246, 1.4979,

307.0152, 184.3179

0.0000

361.4363,
364.9503, 227.2778

■ 0.5324, 0.2873,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.8495, 61.4031,
22.1751

■ 62.8495, 61.4031,
22.1751

■ 59.5825, 56.6733,
15.5249

■ 66.6521, 66.5835,
30.9193

■ 56.8087, 52.3654,
10.7786

■ 71.0197, 72.2231,
41.9179

■ 54.4853, 48.4603,
7.7173

■ 75.9840, 78.3414,
55.3197

■ 52.5523, 44.9293,
6.0403

■ 81.5732, 84.9536,
71.2596

■ 52.2139, 44.2946,
5.7977

■ 87.8131, 92.0740,
89.8624

94.2738, 99.5344,
108.8510

94.3179, 99.6226,
108.8657

Harmonies

Analogous

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



74.1765, 61.4031, 29.8965



62.8495, 61.4031, 22.1751



51.6499, 61.4031, 23.1486

Triad

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



62.8495, 61.4031, 22.1751



39.8911, 61.4031, 88.9305



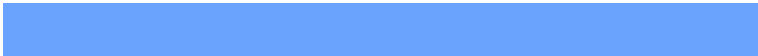
76.4407, 61.4031, 117.8628

Complementary

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



62.8495, 61.4031, 22.1751



36.7701, 36.3489, 98.0063

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.



65.6313, 61.4031, 146.1431



62.8495, 61.4031, 22.1751



44.9717, 61.4031, 126.0287

Square

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



62.8495, 61.4031, 22.1751



39.3510, 61.4031, 55.0884



54.0930, 61.4031, 149.5421



82.6803, 61.4031, 80.1938

Rectangle

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



62.8495, 61.4031, 22.1751



45.7067, 61.4031, 28.6908



54.0930, 61.4031, 149.5421



73.1606, 61.4031, 129.2454

Sweetspot

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



62.8510, 61.4061, 22.1763



83.7102, 87.2571, 74.4864



52.4356, 33.9005, 39.2824



17.6583, 18.3758, 15.1866



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.



62.8510, 61.4061, 22.1763



60.0773, 56.8194, 14.7298



73.0875, 89.5201, 27.0633



18.9353, 19.8387, 18.9756



27.9217, 23.8546, 3.1328



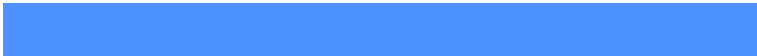
2.8247, 2.5348, 0.3404

Inverse Universe

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



36.7701, 36.3489, 98.0063



31.3042, 29.2447, 98.6026



30.7273, 21.4439, 95.4478



17.5805, 18.5326, 22.9005



11.8904, 8.6903, 50.4853



1.2599, 1.0505, 4.9496

Previews

White Background



This preview shows how the XYZ color 62.8495, 61.4031, 22.1751 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 62.8495, 61.4031, 22.1751 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 62.8495, 61.4031, 22.1751

Background



This preview shows how black text looks on a background with the XYZ color 62.8495, 61.4031, 22.1751.



This preview shows how white text looks on a background with the XYZ color 62.8495, 61.4031,

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

62.8495, 61.4031, 22.1751

Protanopia

56.5102, 61.5776, 23.3753

Deuteranopia

62.8495, 61.4031, 22.1751



Tritanopia

69.6485, 61.3966, 62.8234

Trichromacy



Original Color

62.8495, 61.4031, 22.1751

Protanomaly

58.4194, 61.1566, 22.9127

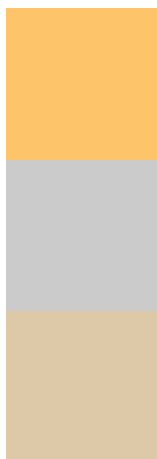
Deuteranomaly

62.8495, 61.4031, 22.1751

Tritanomaly

66.3868, 61.0856, 44.3681

Monochromacy



Original Color

62.8495, 61.4031, 22.1751

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.5410, 59.5079, 45.4992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8495, 61.4031, 22.1751 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(253, 196, 106)` looks like.

```
.text, #text, p{  
    color:rgb(253, 196, 106)  
}
```

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(253, 196, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 196, 106) }
```

Border

The CSS property to change the border of an element to XYZ 62.8495, 61.4031, 22.1751 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(253, 196, 106) }
```


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

```
.border{ border-color:rgb(253, 196, 106) }
```

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

Here you see how a box with a 4 pixel rgb(253, 196, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 196, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 196, 106);  
box-shadow:4px 4px 4px 4px rgb(253, 196,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8495, 61.4031, 22.1751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 196, 106) }
```

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

```
.background{ background-color: rgb(253,  
196, 106) }
```

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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