

Converting Colors

XYZ(62.9385, 60.9165, 23.0350)

Have a look what the booklet for
XYZ(62.9385, 60.9165, 23.0350)
contains.

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Color

**XYZ(62.9252, 60.7585,
22.8791)**

Conversions

Conversions Part 1

Format	Color
Hex	FEC26D
RGB	254, 194, 109
RGB Percent	100%, 76%, 43%
CMY	0.0039, 0.2392, 0.5725
CMYK	0.00, 0.24, 0.57, 0.00
HSL	35°, 99%, 71%
HSV	35°, 57%, 100%
XYZ	62.9252, 60.7585, 22.8791
YIQ	202.2500, 63.0450, -13.7150

Conversions

Conversions Part 2

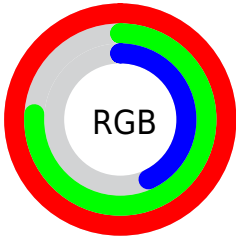
Format	Color
R _Y B	211, 254, 109
Decimal	16695917
CIE Lab	82.25, 12.29, 50.49
CIE LCh	82, 51.967, 76.318
Yxy	60.7585, 0.4293, 0.4146
Android (android.graphics.Color)	4294885997 (0xFFFE C26D)
YUV	202.2500, -45.9723, 45.3847
Hunter-Lab	77.9477, 7.6899, 37.1607

Details

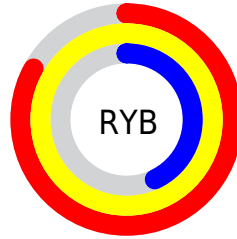
The XYZ color **62.9252, 60.7585, 22.8791** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **38.3835, 38.7815, 99.2282**, and the grayscale version is **56.5471, 59.4920, 64.7868**.

A 20% lighter version of the original color is **81.9472, 92.2398, 47.6674**, and **32.5367, 30.8246, 8.2379** is the 20% darker color. If you saturate the color by 10%, you get **59.4939, 55.7771, 15.9365**, and if you desaturate by 10%, it is **66.9199, 66.2347, 31.9593**.

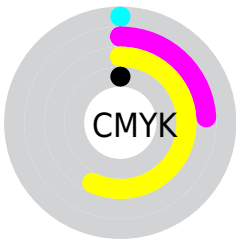
Distribution



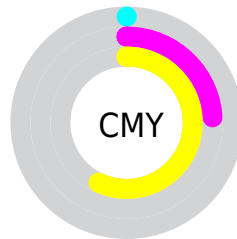
- Red (100%)
- Green (76%)
- Blue (43%)



- Red (83%)
- Yellow (100%)
- Blue (43%)



- Cyan (0%)
- Magenta (24%)
- Yellow (57%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.9252, 60.7585, 22.8791 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 62.9252, 60.7585, 22.8791 by changing the saturation by 10% instead.


 62.9252, 60.7585,
22.8791

 62.9252, 60.7585,
22.8791


424.9620,
427.3880, 280.2052


 46.0391, 44.0303,
14.2998


 108.1440,
105.9292, 49.1154


 32.4814, 30.6943,
8.1883


 137.2074,
135.1405, 67.6095

 21.8868, 20.3662,
4.1262

 171.0607,
169.2815, 90.2456

 13.8899, 12.6615,
1.6948

 210.0692,
208.7368, 117.4423

 8.1253, 7.1959,
0.3572

254.5982,
253.8907, 149.6180

 4.2277, 3.5849,
0.0000

305.0131,

 1.8318, 1.4442,

305.1276, 187.1914

0.0000

361.6792,
362.8319, 230.5809

■ 0.5367, 0.2489,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.9252, 60.7585,
22.8791

■ 62.9252, 60.7585,
22.8791

■ 59.4939, 55.7771,
15.9365

■ 66.9199, 66.2347,
31.9593

■ 56.5831, 51.2608,
10.9422

■ 71.5077, 72.2157,
43.3374

■ 54.1495, 47.1891,
7.6788

■ 76.7213, 78.7221,
57.1624

■ 52.1367, 43.5335,
5.8675

■ 82.5891, 85.7702,
73.5695

51.6056, 42.5360,
5.4904

89.1379, 93.3757,
92.6840

94.6829, 99.8108,
108.8828

Harmonies

Analogous

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



73.7118, 60.7585, 31.1705



62.9252, 60.7585, 22.8791



51.9795, 60.7585, 23.2381

Triad

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



62.9252, 60.7585, 22.8791



39.6545, 60.7585, 84.7793



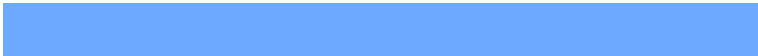
74.5284, 60.7585, 117.7462

Complementary

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



62.9252, 60.7585, 22.8791



38.3835, 38.7815, 99.2282

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.



63.9306, 60.7585, 143.4815



62.9252, 60.7585, 22.8791



44.2753, 60.7585, 120.6784

Square

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



62.9252, 60.7585, 22.8791



39.4578, 60.7585, 52.7737



52.8650, 60.7585, 144.6994



80.9662, 60.7585, 81.6278

Rectangle

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



62.9252, 60.7585, 22.8791



46.0508, 60.7585, 28.2246



52.8650, 60.7585, 144.6994



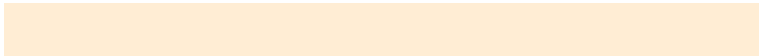
71.2777, 60.7585, 128.3400

Sweetspot

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



62.9266, 60.7615, 22.8803



83.3822, 86.6011, 74.3771



53.5426, 34.8889, 41.6545



17.5807, 18.2206, 15.1607



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.



62.9266, 60.7615, 22.8803



59.4220, 55.3631, 14.9610



74.7915, 90.8501, 28.0626



18.8943, 19.7569, 18.9620



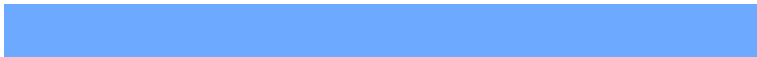
27.3562, 22.7236, 2.9443



2.7714, 2.4281, 0.3226

Inverse Universe

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



38.3835, 38.7815, 99.2282



32.4825, 31.2922, 98.9357



31.2554, 22.1647, 96.3965



17.6204, 18.6123, 22.9138



12.2369, 9.3834, 50.6008



1.2961, 1.1229, 4.9617

Previews

White Background



This preview shows how the XYZ color 62.9252, 60.7585, 22.8791 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 62.9252, 60.7585, 22.8791 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 62.9252, 60.7585, 22.8791

Background



This preview shows how black text looks on a background with the XYZ color 62.9252, 60.7585, 22.8791.



This preview shows how white text looks on a background with the XYZ color 62.9252, 60.7585,

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

62.9252, 60.7585, 22.8791

Protanopia

55.8633, 60.8624, 24.4261

Deuteranopia

62.0591, 60.6436, 22.9025



Tritanopia

69.3191, 60.9242, 62.1389

Trichromacy



Original Color

62.9252, 60.7585, 22.8791

Protanomaly

58.4033, 60.7760, 23.9820

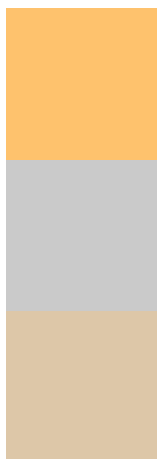
Deuteranomaly

62.4203, 60.8298, 22.9194

Tritanomaly

66.5364, 60.8401, 44.3129

Monochromacy



Original Color

62.9252, 60.7585, 22.8791

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.3101, 59.0462, 45.4223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9252, 60.7585, 22.8791 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, 194, 109)` looks like.

```
.text, #text, p{  
    color:rgb(254, 194, 109)  
}
```

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, 194, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 194, 109) }
```

Border

The CSS property to change the border of an element to XYZ 62.9252, 60.7585, 22.8791 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, 194, 109) }
```


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

```
.border{ border-color:rgb(254, 194, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 194, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 194, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 194, 109);  
box-shadow:4px 4px 4px 4px rgb(254, 194,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9252, 60.7585, 22.8791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 194, 109) }
```

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

```
.background{ background-color: rgb(254,  
194, 109) }
```

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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