

Converting Colors

XYZ(62.2277, 60.7947, 20.0101)

Have a look what the booklet for XYZ(62.2277, 60.7947, 20.0101) contains.

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Color

**XYZ(62.2277, 60.7947,
20.0101)**

Conversions

Conversions Part 1

Format	Color
Hex	FDC362
RGB	253, 195, 98
RGB Percent	99%, 76%, 38%
CMY	0.0078, 0.2353, 0.6157
CMYK	0.00, 0.23, 0.61, 0.01
HSL	38°, 97%, 69%
HSV	38°, 61%, 99%
XYZ	62.2277, 60.7947, 20.0101
YIQ	201.2840, 65.7050, -17.8710

Conversions

Conversions Part 2

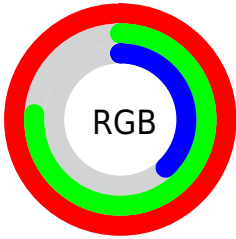
Format	Color
R _Y B	191, 253, 98
Decimal	16630626
CIE Lab	82.27, 10.59, 55.72
CIE LCh	82, 56.717, 79.237
Yxy	60.7947, 0.4351, 0.4250
Android (android.graphics.Color)	4294820706 (0xFFFD C362)
YUV	201.2840, -50.9190, 45.3549
Hunter-Lab	77.9710, 6.0096, 39.3638

Details

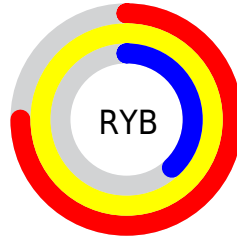
The XYZ color **62.2277, 60.7947, 20.0101** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **34.6545, 33.4640, 97.5606**, and the grayscale version is **55.9726, 58.8876, 64.1286**.

A 20% lighter version of the original color is **81.3231, 92.4887, 42.8441**, and **32.1390, 30.8729, 6.7478** is the 20% darker color. If you saturate the color by 10%, you get **59.1628, 56.2842, 13.9975**, and if you desaturate by 10%, it is **65.8073, 65.7310, 28.0574**.

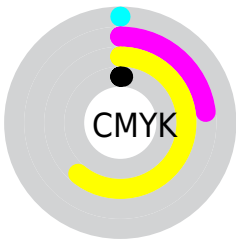
Distribution



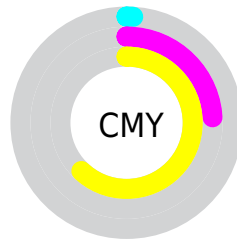
- Red (99%)
- Green (76%)
- Blue (38%)



- Red (75%)
- Yellow (99%)
- Blue (38%)



- Cyan (0%)
- Magenta (23%)
- Yellow (61%)
- Black (1%)





- Cyan (1%)
- Magenta (24%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.2277, 60.7947, 20.0101 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 62.2277, 60.7947, 20.0101 by changing the saturation by 10% instead.


 62.2277, 60.7947,
20.0101


 62.2277, 60.7947,
20.0101


422.4655,
427.5209, 264.5758

 45.4730, 44.0595,
12.2182


 107.1426,
105.9816, 44.2933


 32.0330, 30.7173,
6.7681


 136.0336,
135.2021, 61.6217

 21.5424, 20.3837,
3.2413


 169.7007,
169.3532, 82.9661

 13.6358, 12.6742,
1.2191

 208.5092,
208.8192, 108.7449

 7.9478, 7.2046,
0.0000

252.8247,
253.9846, 139.3768

 4.1131, 3.5904,
0.0000

303.0123,

 1.7663, 1.4472,

305.2338, 175.2802

0.0000

359.4374,
362.9510, 216.8737

■ 0.4972, 0.2511,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.2277, 60.7947,
20.0101

■ 62.2277, 60.7947,
20.0101

■ 59.1628, 56.2842,
13.9975

■ 65.8073, 65.7310,
28.0574

■ 56.5690, 52.1710,
9.8206

■ 69.9320, 71.1020,
38.3060

■ 54.4007, 48.4351,
7.2460

■ 74.6343, 76.9267,
50.9094

■ 52.7925, 45.4519,
5.9906

■ 79.9425, 83.2203,
66.0060

85.8832, 89.9968,
83.7235

92.4807, 97.2695,
104.1808

94.3178, 99.6225,
108.8657

Harmonies

Analogous

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



74.3032, 60.7947, 27.5313



62.2277, 60.7947, 20.0101



50.4682, 60.7947, 21.1772

Triad

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



62.2277, 60.7947, 20.0101



38.5214, 60.7947, 90.6024



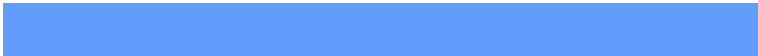
77.2082, 60.7947, 119.7793

Complementary

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



62.2277, 60.7947, 20.0101



34.6545, 33.4640, 97.5606

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.



65.7737, 60.7947, 150.8895



62.2277, 60.7947, 20.0101



43.9140, 60.7947, 130.3921

Square

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



62.2277, 60.7947, 20.0101



37.8480, 60.7947, 54.5403



53.5562, 60.7947, 155.3358



83.7187, 60.7947, 79.4021

Rectangle

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



62.2277, 60.7947, 20.0101



44.3097, 60.7947, 26.9020



53.5562, 60.7947, 155.3358



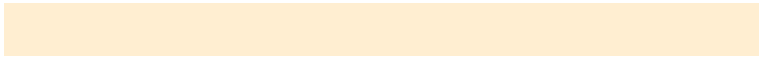
73.7445, 60.7947, 132.1889

Sweetspot

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



62.2291, 60.7977, 20.0113



83.2850, 86.9164, 72.7735



50.9973, 32.0671, 35.5875



17.4626, 18.1837, 14.5069



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.



62.2291, 60.7977, 20.0113



59.4553, 56.1031, 12.8961



71.5631, 88.7800, 24.9205



18.9566, 19.8815, 18.9827



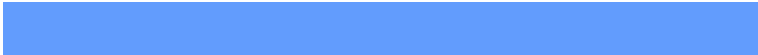
28.2284, 24.4680, 3.2350



2.8535, 2.5923, 0.3500

Inverse Universe

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



34.6545, 33.4640, 97.5606



29.2489, 26.2524, 98.1334



29.3113, 19.5466, 95.1559



17.5598, 18.4912, 22.8936



11.7203, 8.3503, 50.4286



1.2419, 1.0145, 4.9436

Previews

White Background



This preview shows how the XYZ color 62.2277, 60.7947, 20.0101 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 62.2277, 60.7947, 20.0101 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 62.2277, 60.7947, 20.0101

Background



This preview shows how black text looks on a background with the XYZ color 62.2277, 60.7947, 20.0101.



This preview shows how white text looks on a background with the XYZ color 62.2277, 60.7947,

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

62.2277, 60.7947, 20.0101

Protanopia

55.8588, 60.9331, 21.1291

Deuteranopia

62.2277, 60.7947, 20.0101



Tritanopia

69.3191, 60.9242, 62.1389

Trichromacy



Original Color

62.2277, 60.7947, 20.0101

Protanomaly

57.7790, 60.5263, 20.6940

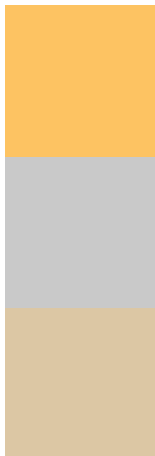
Deuteranomaly

62.2277, 60.7947, 20.0101

Tritanomaly

65.8081, 60.5064, 42.3929

Monochromacy



Original Color

62.2277, 60.7947, 20.0101

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.6395, 58.7428, 43.4752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2277, 60.7947, 20.0101 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, 195, 98)` looks like.

```
.text, #text, p{  
    color:rgb(253, 195, 98)  
}
```

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, 195, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 195, 98) }
```

Border

The CSS property to change the border of an element to XYZ 62.2277, 60.7947, 20.0101 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, 195, 98) }
```


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

```
.border{ border-color:rgb(253, 195, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 195, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 195, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 195, 98);  
box-shadow:4px 4px 4px 4px rgb(253, 195,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2277, 60.7947, 20.0101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 195, 98) }
```

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

```
.background{ background-color: rgb(253,  
195, 98) }
```

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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