

Converting Colors

XYZ(62.3428, 62.3000, 12.5579)

Have a look what the booklet for
XYZ(62.3428, 62.3000, 12.5579)
contains.

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Color

**XYZ(62.4019, 62.4023,
12.6268)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC739
RGB	255, 199, 57
RGB Percent	100%, 78%, 22%
CMY	0.0000, 0.2196, 0.7765
CMYK	0.00, 0.22, 0.78, 0.00
HSL	43°, 100%, 61%
HSV	43°, 78%, 100%
XYZ	62.4019, 62.4023, 12.6268
YIQ	199.5560, 78.9580, -32.2900

Conversions

Conversions Part 2

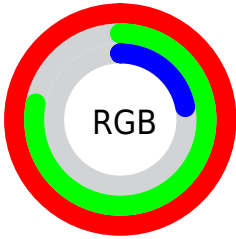
Format	Color
R_{YB}	135, 255, 57
Decimal	16762681
CIE Lab	83.13, 7.30, 73.38
CIE LCh	83, 73.740, 84.322
Yxy	62.4023, 0.4541, 0.4541
Android (android.graphics.Color)	4294952761 (0xFFFFC739)
YUV	199.5560, -70.2801, 48.6244
Hunter-Lab	78.9951, 2.7639, 45.8195

Details

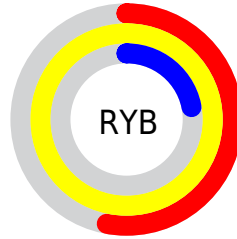
The XYZ color **62.4019, 62.4023, 12.6268** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **25.6423, 19.8995, 97.0964**, and the grayscale version is **55.0126, 57.8776, 63.0287**.

A 20% lighter version of the original color is **80.0373, 93.9949, 29.8440**, and **32.5270, 32.0271, 4.4675** is the 20% darker color. If you saturate the color by 10%, you get **60.2985, 58.9711, 9.5360**, and if you desaturate by 10%, it is **64.9058, 66.1245, 17.4262**.

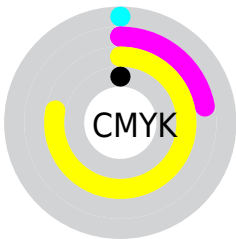
Distribution



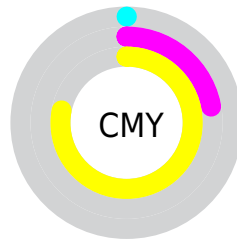
- Red (100%)
- Green (78%)
- Blue (22%)



- Red (53%)
- Yellow (100%)
- Blue (22%)



- Cyan (0%)
- Magenta (22%)
- Yellow (78%)
- Black (0%)




- Cyan (0%)
- Magenta (22%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4019, 62.4023, 12.6268 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 62.4019, 62.4023, 12.6268 by changing the saturation by 10% instead.


 62.4019, 62.4023,
12.6268

 62.4019, 62.4023,
12.6268


423.0898,
433.3970, 219.6350

 45.6143, 45.3578,
7.0444


 107.3928,
108.3068, 31.3130

 32.1449, 31.7394,
3.4110


 136.3269,
137.9355, 45.2538


 21.6283, 21.1625,
1.3081


 170.0406,
172.5279, 62.8178

 13.6991, 13.2428,
0.0684

 208.8992,
212.4682, 84.4236

 7.9920, 7.5960,
0.0000

 253.2681,
258.1409, 110.4896

 4.1416, 3.8375,
0.0000

303.5125,

 1.7825, 1.5831,

309.9303, 141.4345

0.0000

359.9980,
368.2209, 177.6768

■ 0.5071, 0.3462,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.4019, 62.4023,
12.6268

■ 62.4019, 62.4023,
12.6268

■ 60.2985, 58.9711,
9.5360

■ 64.9058, 66.1245,
17.4262

■ 58.5347, 55.7973,
7.8573

■ 67.8491, 70.1475,
24.1526

■ 58.1496, 55.0799,
7.5667

■ 71.2700, 74.4907,
32.9955

■ 75.2008, 79.1687,
44.1207

■ 79.6709, 84.1947,
57.6774

■ 84.7070, 89.5811,
73.8021

■ 90.3341, 95.3394,
92.6212

95.0496, 99.9998,
108.9000

Harmonies

Analogous

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



79.0848, 62.4023, 18.6186



62.4019, 62.4023, 12.6268



47.5415, 62.4023, 15.1837

Triad

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



62.4019, 62.4023, 12.6268



35.4987, 62.4023, 110.9856



87.9166, 62.4023, 133.2285

Complementary

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



62.4019, 62.4023, 12.6268



25.6423, 19.8995, 97.0964

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.



72.8795, 62.4023, 183.7242



62.4019, 62.4023, 12.6268



43.1437, 62.4023, 167.3481

Square

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



62.4019, 62.4023, 12.6268



33.7012, 62.4023, 59.6104



56.3249, 62.4023, 198.4117



95.4176, 62.4023, 77.0234

Rectangle

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



62.4019, 62.4023, 12.6268



40.3390, 62.4023, 22.4496



56.3249, 62.4023, 198.4117



83.4583, 62.4023, 152.2845

Sweetspot

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



62.4033, 62.4054, 12.6280



81.9389, 86.6519, 64.8405



45.6895, 25.3812, 18.1443



17.1586, 18.1367, 12.6758



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.



62.4033, 62.4054, 12.6280



59.3173, 57.2418, 8.4883



63.6786, 85.8267, 17.0816



19.1016, 20.1714, 19.0310



30.5180, 29.0471, 3.9982



3.0643, 3.0139, 0.4202

Inverse Universe

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



25.6423, 19.8995, 97.0964



21.5385, 13.8308, 96.1421



24.7581, 12.8506, 95.7824



17.4212, 18.2141, 22.8474



10.7546, 6.4188, 50.1067



1.1351, 0.8009, 4.9080

Previews

White Background



This preview shows how the XYZ color 62.4019, 62.4023, 12.6268 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 62.4019, 62.4023, 12.6268 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 62.4019, 62.4023, 12.6268

Background



This preview shows how black text looks on a background with the XYZ color 62.4019, 62.4023, 12.6268.



This preview shows how white text looks on a background with the XYZ color 62.4019, 62.4023,

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

62.4019, 62.4023, 12.6268

Protanopia

56.9496, 62.7512, 13.2483

Deuteranopia

63.3224, 62.4035, 18.6052



Tritanopia

70.1961, 62.3040, 63.5845

Trichromacy



Original Color

62.4019, 62.4023, 12.6268

Protanomaly

58.8707, 62.6689, 12.9965

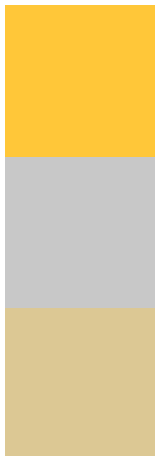
Deuteranomaly

62.8454, 62.2127, 16.0931

Tritanomaly

65.7348, 61.5699, 36.8533

Monochromacy



Original Color

62.4019, 62.4023, 12.6268

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.5148, 58.6623, 36.4140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4019, 62.4023, 12.6268 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, 199, 57)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 57)  
}
```

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, 199, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 57) }
```

Border

The CSS property to change the border of an element to XYZ 62.4019, 62.4023, 12.6268 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, 199, 57) }
```


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

```
.border{ border-color:rgb(255, 199, 57) }
```

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

Here you see how a box with a 4 pixel rgb(255, 199, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 57);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4019, 62.4023, 12.6268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 57) }
```

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

```
.background{ background-color: rgb(255,  
199, 57) }
```

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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