

Converting Colors

XYZ(62.5037, 65.1103, 10.3023)

Have a look what the booklet for
XYZ(62.5037, 65.1103, 10.3023)
contains.

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Color

**XYZ(62.4140, 64.9172,
10.2776)**

Conversions

Conversions Part 1

Format	Color
Hex	FCCE1B
RGB	252, 206, 27
RGB Percent	99%, 81%, 11%
CMY	0.0118, 0.1921, 0.8941
CMYK	0.00, 0.18, 0.89, 0.01
HSL	48°, 97%, 55%
HSV	48°, 89%, 99%
XYZ	62.4140, 64.9172, 10.2776
YIQ	199.3480, 84.8750, -45.9170

Conversions

Conversions Part 2

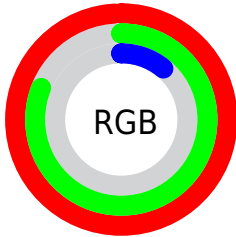
Format	Color
RYB	85, 252, 27
Decimal	16567835
CIELab	84.44, 1.66, 82.11
CIELCh	84, 82.128, 88.842
Yxy	64.9172, 0.4536, 0.4718
Android (android.graphics.Color)	4294757915 (0xFFFCCE1B)
YUV	199.3480, -84.9676, 46.1758
Hunter-Lab	80.5712, -2.7257, 48.8369

Details

The XYZ color **62.4140, 64.9172, 10.2776** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **20.4057, 12.0270, 93.3406**, and the grayscale version is **54.9699, 57.8326, 62.9797**.

A 20% lighter version of the original color is **79.1113, 93.6245, 24.9681**, and **32.4634, 33.4036, 4.7365** is the 20% darker color. If you saturate the color by 10%, you get **61.0074, 62.4052, 8.8820**, and if you desaturate by 10%, it is **64.1028, 67.6123, 12.9458**.

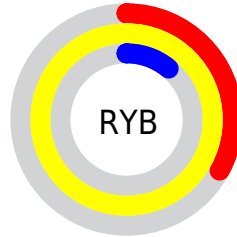
Distribution



Red (99%)

Green (81%)

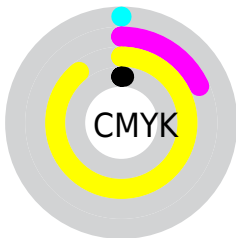
Blue (11%)



Red (33%)

Yellow (99%)

Blue (11%)

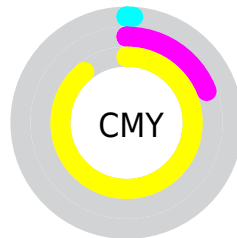


Cyan (0%)

Magenta (18%)

Yellow (89%)

Black (1%)



Cyan (1%)


Magenta (19%)


Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4140, 64.9172, 10.2776 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 62.4140, 64.9172, 10.2776 by changing the saturation by 10% instead.


 62.4140, 64.9172,
10.2776

 62.4140, 64.9172,
10.2776


423.1332,
442.4944, 203.1983

 45.6242, 47.3939,
5.4754


 107.4102,
111.9308, 26.9323

 32.1527, 33.3472,
2.4652


 136.3473,
142.1900, 39.6218


 21.6343, 22.3925,
0.8216


 170.0642,
177.4632, 55.7776

 13.7035, 14.1456,
0.0000

 208.9263,
218.1349, 75.8181

 7.9951, 8.2220,
0.0000

 253.2988,
264.5895, 100.1619

 4.1436, 4.2373,
0.0000

 303.5473,

 1.7837, 1.8072,

317.2113, 129.2275

0.0000

360.0369,
376.3848, 163.4334

■ 0.5078, 0.4917,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.4140, 64.9172,
10.2776

■ 62.4140, 64.9172,
10.2776

■ 61.0074, 62.4052,
8.8820

■ 64.1028, 67.6123,
12.9458

■ 60.9113, 62.2289,
8.8010

■ 66.1340, 70.5075,
17.2213

■ 68.5516, 73.6235,
23.3277

■ 71.3916, 76.9752,
31.4521

■ 74.6854, 80.5759,
41.7583

■ 78.4613, 84.4374,
54.3935

■ 82.7451, 88.5706,
69.4919

■ 87.5606, 92.9857,
87.1775

■ 92.9302, 97.6920,
107.5659

Harmonies

Analogous

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



81.7115, 64.9172, 14.8262



62.4140, 64.9172, 10.2776



46.2653, 64.9172, 14.1204

Triad

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



62.4140, 64.9172, 10.2776



35.7712, 64.9172, 131.1422



96.8932, 64.9172, 136.5277

Complementary

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



62.4140, 64.9172, 10.2776



20.4057, 12.0270, 93.3406

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.



80.2387, 64.9172, 200.4367



62.4140, 64.9172, 10.2776



45.2586, 64.9172, 196.3937

Square

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



62.4140, 64.9172, 10.2776



32.8319, 64.9172, 68.6715



60.9951, 64.9172, 226.4383



103.8889, 64.9172, 72.7351

Rectangle

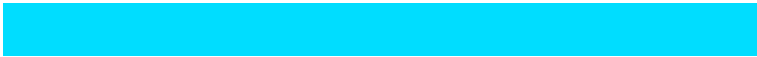
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.4140, 64.9172, 10.2776



38.8602, 64.9172, 23.0068



60.9951, 64.9172, 226.4383



92.0956, 64.9172, 159.6767

Sweetspot

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



62.4155, 64.9204, 10.2789



81.5522, 87.6781, 59.1633



41.8329, 21.9981, 8.8349



17.1510, 18.4654, 11.6129



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.



62.4155, 64.9204, 10.2789



62.5659, 63.9117, 9.0386



55.8094, 80.4229, 13.6193



18.4084, 19.5527, 18.2662



31.8383, 32.6333, 4.6208



3.0222, 3.1692, 0.4524

Inverse Universe

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



20.4057, 12.0270, 93.3406



19.2837, 9.6874, 95.4612



22.2533, 10.0245, 92.8567



16.5704, 17.2176, 21.8353



9.8644, 5.0843, 48.4350



0.9855, 0.6146, 4.5099

Previews

White Background



This preview shows how the XYZ color 62.4140, 64.9172, 10.2776 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 62.4140, 64.9172, 10.2776 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 62.4140, 64.9172, 10.2776

Background



This preview shows how black text looks on a background with the XYZ color 62.4140, 64.9172, 10.2776.



This preview shows how white text looks on a background with the XYZ color 62.4140, 64.9172,

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

62.4140, 64.9172, 10.2776

Protanopia

58.7759, 64.8544, 10.5827

Deuteranopia

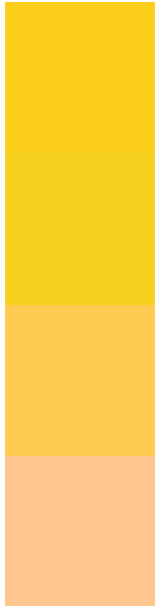
65.4104, 65.0977, 23.8695



Tritanopia

72.0176, 64.7952, 67.7425

Trichromacy



Original Color

62.4140, 64.9172, 10.2776

Protanomaly

59.9722, 64.7395, 10.4337

Deuteranomaly

63.9139, 64.8357, 16.7353

Tritanomaly

66.1790, 63.8707, 34.4315

Monochromacy



Original Color

62.4140, 64.9172, 10.2776

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.4779, 58.9241, 31.7947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4140, 64.9172, 10.2776 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(252, 206, 27)` looks like.

```
.text, #text, p{  
    color:rgb(252, 206, 27)  
}
```

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(252, 206, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 206, 27) }
```

Border

The CSS property to change the border of an element to XYZ 62.4140, 64.9172, 10.2776 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(252, 206, 27) }
```


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

```
.border{ border-color:rgb(252, 206, 27) }
```

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

Here you see how a box with a 4 pixel rgb(252, 206, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 206, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 206, 27);  
box-shadow:4px 4px 4px 4px rgb(252, 206,  
27) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4140, 64.9172, 10.2776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 206, 27) }
```

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

```
.background{ background-color: rgb(252,  
206, 27) }
```

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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