

Converting Colors

XYZ(62.1940, 62.6797, 10.4198)

Have a look what the booklet for
XYZ(62.1940, 62.6797, 10.4198)
contains.

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Color

**XYZ(62.1976, 62.6899,
10.4123)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC823
RGB	255, 200, 35
RGB Percent	100%, 78%, 14%
CMY	0.0000, 0.2157, 0.8627
CMYK	0.00, 0.22, 0.86, 0.00
HSL	45°, 100%, 57%
HSV	45°, 86%, 100%
XYZ	62.1976, 62.6899, 10.4123
YIQ	197.6350, 85.7450, -39.6550

Conversions

Conversions Part 2

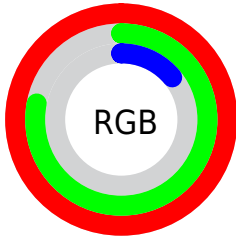
Format	Color
R_{YB}	108, 255, 35
Decimal	16762915
CIE _{Lab}	83.28, 6.17, 79.71
CIE _{LCh}	83, 79.950, 85.577
Yxy	62.6899, 0.4597, 0.4633
Android (android.graphics.Color)	4294952995 (0xFFFFC823)
YUV	197.6350, -80.1791, 50.3091
Hunter-Lab	79.1770, 1.6613, 47.6268

Details

The XYZ color **62.1976, 62.6899, 10.4123** 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 **22.3995, 14.8899, 96.3003**, and the grayscale version is **53.8916, 56.6982, 61.7443**.

A 20% lighter version of the original color is **79.2521, 93.6809, 25.7096**, and **32.4260, 32.2049, 4.5071** is the 20% darker color. If you saturate the color by 10%, you get **60.5018, 59.7009, 8.6077**, and if you desaturate by 10%, it is **64.2320, 65.9179, 13.6839**.

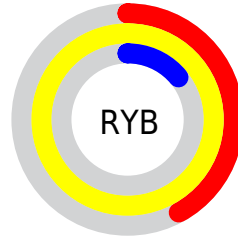
Distribution



Red (100%)

Green (78%)

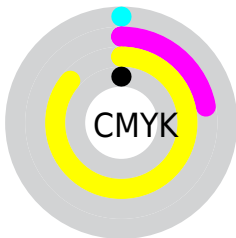
Blue (14%)



Red (42%)

Yellow (100%)

Blue (14%)

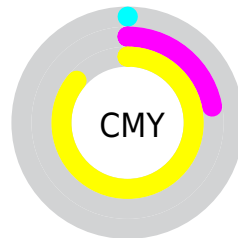


Cyan (0%)

Magenta (22%)

Yellow (86%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.1976, 62.6899, 10.4123 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 62.1976, 62.6899, 10.4123 by changing the saturation by 10% instead.


 62.1976, 62.6899,
10.4123

 62.1976, 62.6899,
10.4123


422.3576,
434.4432, 204.1805

 45.4486, 45.5904,
5.5640


 107.0994,
108.7220, 27.1880

 32.0137, 31.9227,
2.5174


 135.9829,
138.4234, 39.9525


 21.5276, 21.3025,
0.8493


 169.6419,
173.0942, 56.1928

 13.6248, 13.3453,
0.0000

 208.4418,
213.1188, 76.3275

 7.9401, 7.6667,
0.0000

 252.7480,
258.8816, 100.7750

 4.1082, 3.8824,
0.0000

 302.9258,

 1.7635, 1.6080,

310.7670, 129.9540

0.0000

359.3405,
369.1594, 164.2830

■ 0.4955, 0.3630,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.1976, 62.6899,
10.4123

■ 62.1976, 62.6899,
10.4123

■ 60.5018, 59.7009,
8.6077

■ 64.2320, 65.9179,
13.6839

■ 59.9262, 58.6330,
8.1589

■ 66.6525, 69.3975,
18.6880

■ 69.5024, 73.1496,
25.6423

■ 72.8173, 77.1897,
34.7313

■ 76.6289, 81.5315,
46.1182

■ 80.9658, 86.1875,
59.9501

■ 85.8542, 91.1693,
76.3619

■ 91.3185, 96.4876,
95.4786

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.



80.5281, 62.6899, 15.8554



62.1976, 62.6899, 10.4123



46.2983, 62.6899, 13.2283

Triad

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



62.1976, 62.6899, 10.4123



34.2521, 62.6899, 118.4380



91.5973, 62.6899, 137.8595

Complementary

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



62.1976, 62.6899, 10.4123



22.3995, 14.8899, 96.3003

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.



75.1974, 62.6899, 195.9838



62.1976, 62.6899, 10.4123



42.6295, 62.6899, 181.4581

Square

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



62.1976, 62.6899, 10.4123



32.1048, 62.6899, 61.1452



57.0464, 62.6899, 214.9219



99.4699, 62.6899, 75.9034

Rectangle

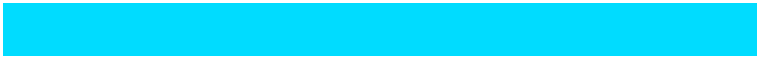
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.1976, 62.6899, 10.4123



38.7741, 62.6899, 20.8132



57.0464, 62.6899, 214.9219



86.7609, 62.6899, 159.4782

Sweetspot

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



62.1990, 62.6930, 10.4135



81.0917, 86.3189, 60.3608



43.6866, 23.2007, 11.8499



17.0212, 18.1222, 11.8279



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.



62.1990, 62.6930, 10.4135



59.9268, 58.6336, 8.1589



59.8830, 83.9203, 14.6329



19.1541, 20.2764, 19.0485



31.4378, 30.8868, 4.3048



3.1475, 3.1804, 0.4480

Inverse Universe

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



22.3995, 14.8899, 96.3003



19.8690, 10.8579, 95.6563



22.8682, 10.5965, 95.4469



17.3719, 18.1154, 22.8310



10.4806, 5.8708, 50.0154



1.1027, 0.7360, 4.8972

Previews

White Background



This preview shows how the XYZ color 62.1976, 62.6899, 10.4123 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 62.1976, 62.6899, 10.4123 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 62.1976, 62.6899, 10.4123

Background



This preview shows how black text looks on a background with the XYZ color 62.1976, 62.6899, 10.4123.



This preview shows how white text looks on a background with the XYZ color 62.1976, 62.6899,

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

62.1976, 62.6899, 10.4123

Protanopia

56.8215, 62.7377, 10.8650

Deuteranopia

63.5518, 62.8622, 18.6816



Tritanopia

70.5315, 62.7859, 64.2786

Trichromacy



Original Color

62.1976, 62.6899, 10.4123

Protanomaly

58.7677, 62.6673, 10.6677

Deuteranomaly

62.8008, 62.5618, 14.7269

Tritanomaly

65.3395, 61.7667, 33.6777

Monochromacy



Original Color

62.1976, 62.6899, 10.4123

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.2970, 57.7710, 32.7153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1976, 62.6899, 10.4123 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, 200, 35)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 35)  
}
```

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, 200, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 35) }
```

Border

The CSS property to change the border of an element to XYZ 62.1976, 62.6899, 10.4123 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, 200, 35) }
```


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

```
.border{ border-color:rgb(255, 200, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 35);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
35) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1976, 62.6899, 10.4123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 35) }
```

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

```
.background{ background-color: rgb(255,  
200, 35) }
```

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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