

Converting Colors

XYZ(73.0466, 82.9592, 62.1715)

Have a look what the booklet for
XYZ(73.0466, 82.9592, 62.1715)
contains.

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Color

**XYZ(72.9876, 82.7840,
62.0012)**

Conversions

Conversions Part 1

Format	Color
Hex	E5F0C0
RGB	229, 240, 192
RGB Percent	90%, 94%, 75%
CMY	0.1020, 0.0588, 0.2471
CMYK	0.05, 0.00, 0.20, 0.06
HSL	74°, 62%, 85%
HSV	74°, 20%, 94%
XYZ	72.9876, 82.7840, 62.0012
YIQ	231.2390, 8.8520, -17.2600

Conversions

Conversions Part 2

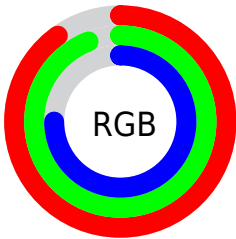
Format	Color
RYB	192, 240, 203
Decimal	15069376
CIELab	92.92, -11.61, 22.02
CIELCh	93, 24.896, 117.807
Yxy	82.7840, 0.3352, 0.3801
Android (android.graphics.Color)	4293259456 (0xFFE5F0C0)
YUV	231.2390, -19.3448, -1.9636
Hunter-Lab	90.9857, -16.0345, 23.2875

Details

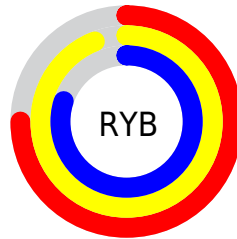
The XYZ color **72.9876, 82.7840, 62.0012** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **59.2097, 56.6893, 90.2641**, and the grayscale version is **76.2705, 80.2425, 87.3840**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **38.9615, 45.0002, 30.6772** is the 20% darker color. If you saturate the color by 10%, you get **68.8150, 80.9181, 49.0383**, and if you desaturate by 10%, it is **77.6539, 84.8593, 77.2542**.

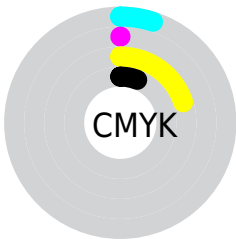
Distribution



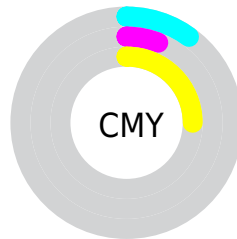
- Red (90%)
- Green (94%)
- Blue (75%)



- Red (75%)
- Yellow (94%)
- Blue (80%)



- Cyan (5%)
- Magenta (0%)
- Yellow (20%)
- Black (6%)



- Cyan (10%)
- Magenta (6%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.9876, 82.7840, 62.0012 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 72.9876, 82.7840, 62.0012 by changing the saturation by 10% instead.

72.9876, 82.7840,
62.0012

72.9876, 82.7840,
62.0012

460.0763,
504.2664, 449.9432

54.2542, 62.0120,
44.5979

122.4628,
137.2729, 109.2989

39.0364, 45.0424,
30.8002

153.9353,
171.7586, 140.0303

26.9689, 31.4908,
20.1895

190.3849,
211.5842, 176.0415

17.6863, 20.9729,
12.3475

232.1769,
257.1343, 217.7511

10.8233, 13.1042,
6.8554

279.6767,
308.7931, 265.5775

6.0146, 7.5003,
3.2947

333.2496,

2.8947, 3.7769,

366.9452, 319.9393

1.2470

393.2610,
431.9748, 381.2550

■ 1.0983, 1.5496,
0.0178

■ 0.0237, 0.3232,
0.0000

■ 72.9876, 82.7840,
62.0012

■ 72.9876, 82.7840,
62.0012

■ 68.8150, 80.9181,
49.0383

■ 77.6539, 84.8593,
77.2542

■ 65.1082, 79.2421,
38.2496

■ 82.8275, 87.1413,
94.8950

■ 61.8459, 77.7503,
29.5170

■ 87.0454, 89.0476,
107.2079

■ 59.0028, 76.4323,
22.7094

■ 88.9991, 90.0548,
107.2993

■ 56.5505, 75.2769,
17.6801

■ 90.4518, 90.8037,
107.3673

■ 54.4568, 74.2710,
14.2617

■ 52.6830, 73.3992,
12.2548

■ 51.1652, 72.6358,
11.3234

Harmonies

Analogous

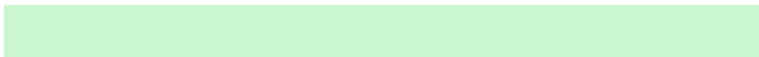
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.1637, 82.7840, 58.8508



72.9876, 82.7840, 62.0012



68.5589, 82.7840, 72.3555

Triad

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



72.9876, 82.7840, 62.0012



72.2014, 82.7840, 124.0063



91.8666, 82.7840, 91.5164

Complementary

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



72.9876, 82.7840, 62.0012



59.2097, 56.6893, 90.2641

Split Complementary

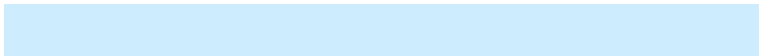
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.7593, 82.7840, 110.6180



72.9876, 82.7840, 62.0012



78.2057, 82.7840, 130.9159

Square

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



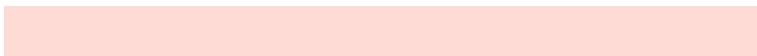
72.9876, 82.7840, 62.0012



68.1229, 82.7840, 107.9168



84.6687, 82.7840, 125.7109



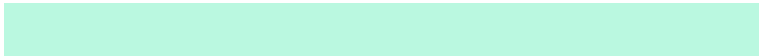
90.2832, 82.7840, 74.4271

Rectangle

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



72.9876, 82.7840, 62.0012



67.0718, 82.7840, 82.7762



84.6687, 82.7840, 125.7109



91.5640, 82.7840, 97.9232

Sweetspot

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



72.9898, 82.7876, 62.0030



91.4049, 98.3942, 96.3790



66.6670, 64.7625, 58.8570



19.4823, 21.0242, 20.3505



0.0000, 0.0000, 0.0000



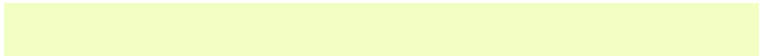
20.3446, 21.4041, 23.3091

Same Dimension

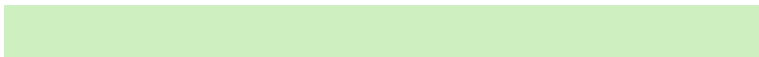
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.9898, 82.7876, 62.0030



81.7403, 94.1014, 64.7765



66.0200, 79.1946, 61.6768



16.7479, 18.2657, 16.7926



28.1286, 39.8224, 6.2040



2.4253, 3.3568, 0.5201

Inverse Universe

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



59.2097, 56.6893, 90.2641



63.2621, 59.1000, 102.6809



66.0703, 60.2261, 90.5852



15.2363, 15.4035, 19.8917



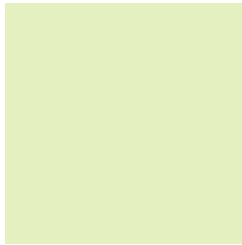
9.5685, 3.9381, 45.3837



0.8802, 0.3710, 3.7794

Previews

White Background



This preview shows how the XYZ color 72.9876, 82.7840, 62.0012 looks on a white background.

Color Contrast Check

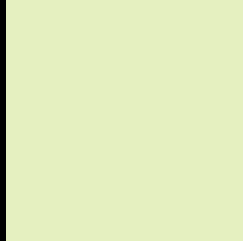
Large Text (above 18pt) WCAG AA × Fail

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 72.9876, 82.7840, 62.0012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

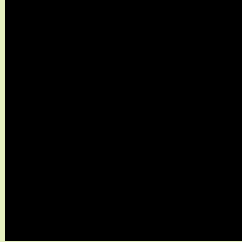
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

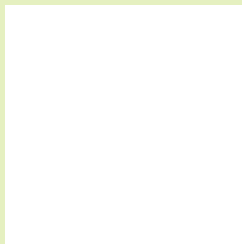
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.9876, 82.7840, 62.0012

Background



This preview shows how black text looks on a background with the XYZ color 72.9876, 82.7840, 62.0012.

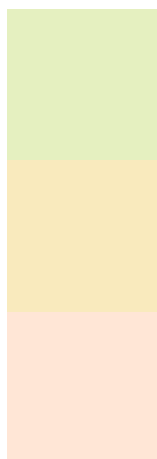


This preview shows how white text looks on a background with the XYZ color 72.9876, 82.7840,

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

72.9876, 82.7840, 62.0012

Protanopia

77.6750, 82.6595, 60.0051

Deuteranopia

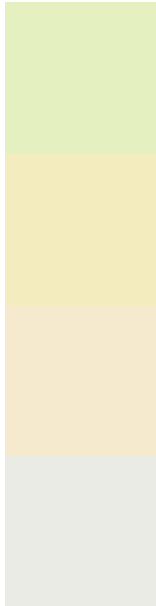
81.6744, 82.7087, 75.2780



Tritanopia

81.0370, 82.6199, 102.1186

Trichromacy



Original Color

72.9876, 82.7840, 62.0012

Protanomaly

75.9077, 82.5859, 60.6551

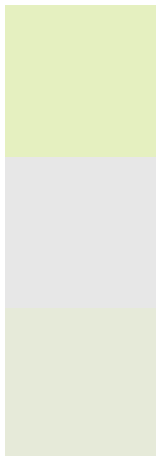
Deuteranomaly

78.5694, 82.8947, 70.2517

Tritanomaly

77.7829, 82.5662, 85.9660

Monochromacy



Original Color

72.9876, 82.7840, 62.0012

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

74.5803, 80.6784, 77.2873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9876, 82.7840, 62.0012 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(229, 240, 192)` looks like.

```
.text, #text, p{  
    color:rgb(229, 240, 192)  
}
```

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(229, 240, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 240, 192) }
```

Border

The CSS property to change the border of an element to XYZ 72.9876, 82.7840, 62.0012 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(229, 240, 192) }
```


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

```
.border{ border-color:rgb(229, 240, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 240, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 240, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 240, 192);  
box-shadow:4px 4px 4px 4px rgb(229, 240,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9876, 82.7840, 62.0012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 240, 192) }
```

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

```
.background{ background-color: rgb(229,  
240, 192) }
```

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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