

Converting Colors

XYZ(71.6137, 78.8476, 62.6345)

Have a look what the booklet for
XYZ(71.6137, 78.8476, 62.6345)
contains.

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Color

**XYZ(71.8315, 79.1618,
62.5328)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E9C2
RGB	231, 233, 194
RGB Percent	91%, 91%, 76%
CMY	0.0941, 0.0863, 0.2392
CMYK	0.01, 0.00, 0.17, 0.09
HSL	63°, 47%, 84%
HSV	63°, 17%, 91%
XYZ	71.8315, 79.1618, 62.5328
YIQ	227.9560, 11.3270, -12.5530

Conversions

Conversions Part 2

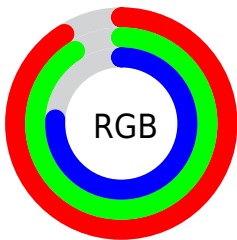
Format	Color
RYB	194, 233, 196
Decimal	15198658
CIELab	91.31, -7.09, 18.77
CIELCh	91, 20.065, 110.706
Yxy	79.1618, 0.3364, 0.3707
Android (android.graphics.Color)	4293388738 (0xFFE7E9C2)
YUV	227.9560, -16.7403, 2.6696
Hunter-Lab	88.9729, -11.5922, 20.6103

Details

The XYZ color **71.8315, 79.1618, 62.5328** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **56.7679, 56.2047, 84.9518**, and the grayscale version is **73.8252, 77.6698, 84.5825**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **38.1350, 42.4517, 30.9950** is the 20% darker color. If you saturate the color by 10%, you get **69.0327, 78.0004, 49.7962**, and if you desaturate by 10%, it is **75.0475, 80.4957, 77.4340**.

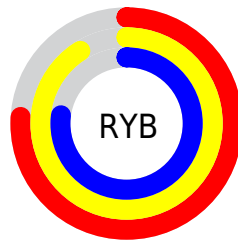
Distribution



Red (91%)

Green (91%)

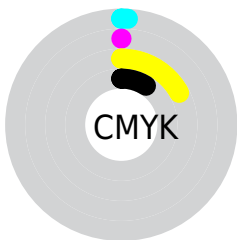
Blue (76%)



Red (76%)

Yellow (91%)

Blue (77%)

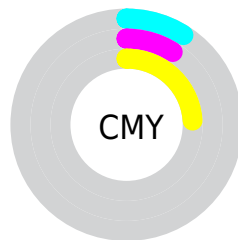


Cyan (1%)

Magenta (0%)

Yellow (17%)

Black (9%)



Cyan (9%)

Magenta (9%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.8315, 79.1618, 62.5328 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 71.8315, 79.1618, 62.5328 by changing the saturation by 10% instead.

71.8315, 79.1618,
62.5328

71.8315, 79.1618,
62.5328

456.1216,
492.1035, 451.9331

53.3060, 59.0288,
45.0248

120.8290,
132.1866, 110.0743

38.2756, 42.6363,
31.1339

152.0318,
165.8473, 140.9448

26.3748, 29.5999,
20.4415

188.1910,
204.7860, 177.1066

17.2384, 19.5351,
12.5291

229.6721,
249.3871, 218.9781

10.5010, 12.0576,
6.9782

276.8403,
300.0350, 266.9780

5.7972, 6.7829,
3.3702

330.0611,

2.7616, 3.3267,

357.1141, 321.5248

1.2866

389.6997,
421.0088, 383.0370

■ 1.0290, 1.3046,
0.0508

■ 0.0000, 0.1447,
0.0000

■ 71.8315, 79.1618,
62.5328

■ 71.8315, 79.1618,
62.5328

■ 69.0327, 78.0004,
49.7962

■ 75.0475, 80.4957,
77.4340

■ 66.6257, 76.9934,
39.1186

■ 78.6924, 81.9987,
94.5884


■ 64.5921, 76.1361,
30.3934


■ 81.3177, 83.0943,
106.3606


■ 62.9094, 75.4194,
23.5022


■ 81.7137, 83.2984,
106.3792


 61.5527, 74.8334,
18.3140


 82.1123, 83.5039,
106.3978

 60.4938, 74.3668,
14.6804


 82.5136, 83.7108,
106.4166


 59.6996, 74.0065,
12.4275

 82.9176, 83.9191,
106.4355

 59.1283, 73.7356,
11.3342

 83.3242, 84.1287,
106.4545

 58.9676, 73.6575,
11.1094

 83.7336, 84.3397,
106.4737

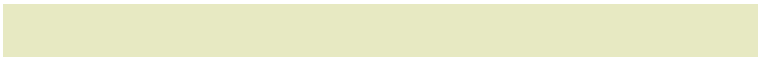
Harmonies

Analogous

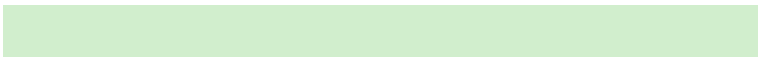
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.8334, 79.1618, 61.3746



71.8315, 79.1618, 62.5328



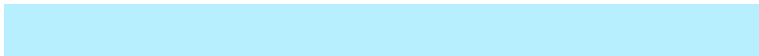
67.9143, 79.1618, 69.6257

Triad

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



71.8315, 79.1618, 62.5328



69.2085, 79.1618, 109.7695



85.3240, 79.1618, 90.8024

Complementary

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



71.8315, 79.1618, 62.5328



56.7679, 56.2047, 84.9518

Split Complementary

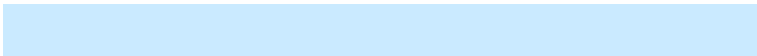
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.0763, 79.1618, 105.2013



71.8315, 79.1618, 62.5328



73.6706, 79.1618, 116.9370

Square

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



71.8315, 79.1618, 62.5328



66.4481, 79.1618, 96.4945



78.7565, 79.1618, 115.1770



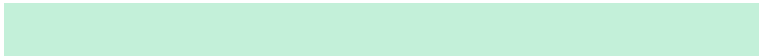
84.7771, 79.1618, 76.6535

Rectangle

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



71.8315, 79.1618, 62.5328



66.3721, 79.1618, 77.2559



78.7565, 79.1618, 115.1770



84.8666, 79.1618, 95.7956

Sweetspot

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



71.8336, 79.1653, 62.5345



92.8239, 99.0817, 98.4337



63.0731, 60.6780, 59.4278



19.8035, 21.1809, 20.7662



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.



71.8336, 79.1653, 62.5345



86.9410, 96.6457, 71.1990



65.9013, 76.1071, 62.2569



16.2710, 17.5852, 16.0554



33.4908, 41.8096, 6.3049



2.6534, 3.2952, 0.4962

Inverse Universe

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



56.7679, 56.2047, 84.9518



65.2695, 63.6167, 103.4469



62.1589, 58.9839, 85.2041



14.3028, 14.5859, 18.9838



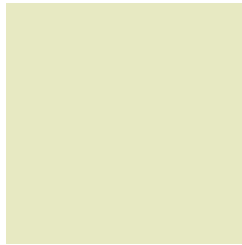
8.4621, 3.3983, 43.9529



0.6898, 0.2799, 3.4525

Previews

White Background



This preview shows how the XYZ color 71.8315, 79.1618, 62.5328 looks on a white background.

Color Contrast Check

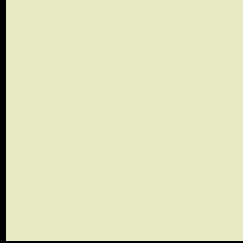
Large Text (above 18pt) WCAG AA × Fail

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 71.8315, 79.1618, 62.5328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

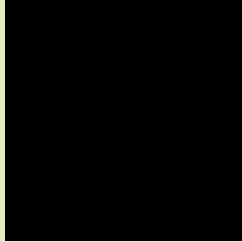
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

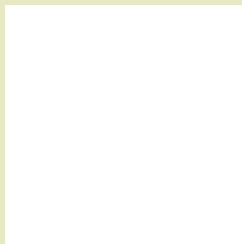
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.8315, 79.1618, 62.5328

Background



This preview shows how black text looks on a background with the XYZ color 71.8315, 79.1618, 62.5328.



This preview shows how white text looks on a background with the XYZ color 71.8315, 79.1618,

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

71.8315, 79.1618, 62.5328

Protanopia

74.4959, 78.8991, 61.1719

Deuteranopia

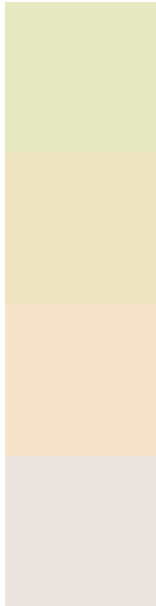
79.1581, 79.0763, 70.1227



Tritanopia

78.7854, 79.1015, 96.7036

Trichromacy



Original Color

71.8315, 79.1618, 62.5328

Protanomaly

73.5191, 78.7946, 61.7861

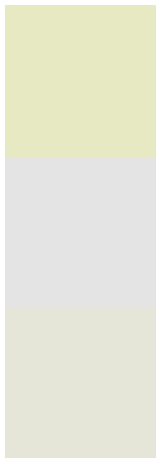
Deuteranomaly

76.1358, 78.7953, 67.0733

Tritanomaly

76.0077, 79.1918, 83.2310

Monochromacy



Original Color

71.8315, 79.1618, 62.5328

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.0046, 78.2095, 76.2139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8315, 79.1618, 62.5328 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(231, 233, 194)` looks like.

```
.text, #text, p{  
    color:rgb(231, 233, 194)  
}
```

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(231, 233, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 233, 194) }
```

Border

The CSS property to change the border of an element to XYZ 71.8315, 79.1618, 62.5328 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(231, 233, 194) }
```


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

```
.border{ border-color:rgb(231, 233, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 233, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 233, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 233, 194); box-shadow:4px 4px 4px 4px rgb(231, 233, 194) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8315, 79.1618, 62.5328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 233, 194) }
```

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

```
.background{ background-color: rgb(231,  
233, 194) }
```

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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