

Converting Colors

XYZ(72.1899, 78.0487, 58.4696)

Have a look what the booklet for
XYZ(72.1899, 78.0487, 58.4696)
contains.

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Color

**XYZ(72.1915, 78.1860,
58.3002)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE6BB
RGB	237, 230, 187
RGB Percent	93%, 90%, 73%
CMY	0.0706, 0.0980, 0.2667
CMYK	0.00, 0.03, 0.21, 0.07
HSL	52°, 58%, 83%
HSV	52°, 21%, 93%
XYZ	72.1915, 78.1860, 58.3002
YIQ	227.1910, 17.9750, -11.8890

Conversions

Conversions Part 2

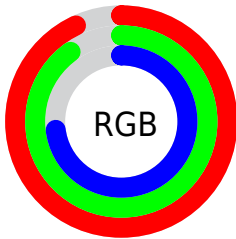
Format	Color
R _Y B	195, 237, 187
Decimal	15591099
CIE Lab	90.86, -4.43, 21.84
CIE LCh	91, 22.288, 101.456
Yxy	78.1860, 0.3459, 0.3747
Android (android.graphics.Color)	4293781179 (0xFFE6BB)
YUV	227.1910, -19.8142, 8.6025
Hunter-Lab	88.4228, -9.0064, 22.8041

Details

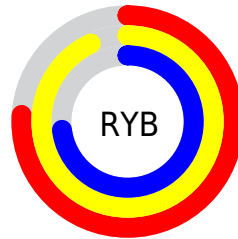
The XYZ color **72.1915, 78.1860, 58.3002** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **55.0711, 55.2615, 87.8852**, and the grayscale version is **73.2849, 77.1014, 83.9634**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **38.6891, 42.2049, 28.6615** is the 20% darker color. If you saturate the color by 10%, you get **68.9477, 75.4287, 45.7176**, and if you desaturate by 10%, it is **75.8758, 81.1529, 73.0973**.

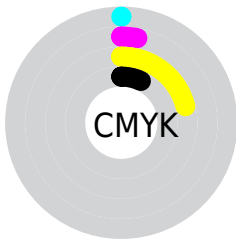
Distribution



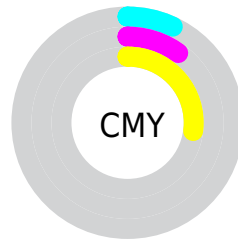
- Red (93%)
- Green (90%)
- Blue (73%)



- Red (76%)
- Yellow (93%)
- Blue (73%)



- Cyan (0%)
- Magenta (3%)
- Yellow (21%)
- Black (7%)



- Cyan (7%)
- Magenta (10%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.1915, 78.1860, 58.3002 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 72.1915, 78.1860, 58.3002 by changing the saturation by 10% instead.

■ 72.1915, 78.1860,
58.3002

■ 72.1915, 78.1860,
58.3002

457.3552,
488.7983, 435.9331

■ 53.6011, 58.2268,
41.6337

■ 121.3381,
130.8123, 103.8790

■ 38.5123, 41.9910,
28.4912

152.6250,
164.2482, 133.6284

■ 26.5595, 29.0942,
18.4540

188.8749,
202.9450, 168.5759

■ 17.3776, 19.1521,
11.1036

230.4530,
247.2873, 209.1399

■ 10.6010, 11.7803,
6.0215

277.7247,
297.6594, 255.7392

■ 5.8645, 6.5942,
2.7892

331.0554,

■ 2.8028, 3.2097,

354.4456, 308.7921

0.9880

390.8104,
418.0305, 368.7172

■ 1.0503, 1.2421,
0.0000

■ 0.0000, 0.0957,
0.0000

■ 72.1915, 78.1860,
58.3002

■ 72.1915, 78.1860,
58.3002

■ 68.9477, 75.4287,
45.7176

■ 75.8758, 81.1529,
73.0973

■ 66.1175, 72.8622,
35.2363

■ 80.0136, 84.3267,
90.2046

■ 63.6807, 70.4808,
26.7409

■ 84.1214, 87.5169,
107.0665

■ 61.6127, 68.2746,
20.1025

■ 85.1061, 89.4864,
107.3948

■ 59.8861, 66.2323,
15.1772

■ 86.1088, 91.4918,
107.7290

■ 58.4695, 64.3414,
11.8001

■ 87.1295, 93.5332,
108.0692

■ 57.3252, 62.5865,
9.7735

■ 88.1684, 95.6109,
108.4155

■ 56.4813, 61.1167,
8.8198

■ 88.7352, 96.7446,
108.6045

Harmonies

Analogous

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



77.7974, 78.1860, 59.0717



72.1915, 78.1860, 58.3002



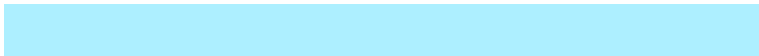
67.3981, 78.1860, 64.0126

Triad

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



72.1915, 78.1860, 58.3002



66.5182, 78.1860, 107.2663



85.0171, 78.1860, 95.3398

Complementary

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



72.1915, 78.1860, 58.3002



55.0711, 55.2615, 87.8852

Split Complementary

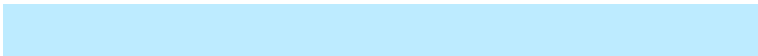
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.6864, 78.1860, 110.4484



72.1915, 78.1860, 58.3002



70.9351, 78.1860, 117.9092

Square

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



72.1915, 78.1860, 58.3002



64.2343, 78.1860, 91.4157



76.4766, 78.1860, 119.1420



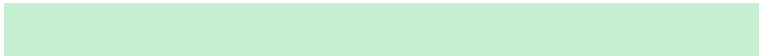
85.3953, 78.1860, 79.1416

Rectangle

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



72.1915, 78.1860, 58.3002



65.2343, 78.1860, 71.2055



76.4766, 78.1860, 119.1420



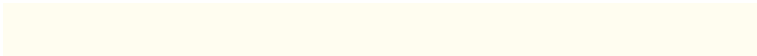
84.1981, 78.1860, 100.7637

Sweetspot

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



72.1936, 78.1895, 58.3019



92.0046, 97.6954, 96.2125



62.4900, 57.4637, 59.1329



19.6244, 20.8583, 20.3110



0.0000, 0.0000, 0.0000



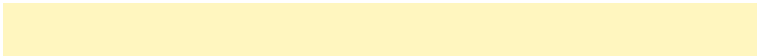
20.3446, 21.4041, 23.3091

Same Dimension

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



72.1936, 78.1895, 58.3019



83.6521, 90.9938, 62.5892



68.6186, 79.2945, 58.7036



16.1619, 17.2467, 15.9958



30.9096, 33.5135, 4.8396



2.4766, 2.7304, 0.3965

Inverse Universe

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



55.0711, 55.2615, 87.8852



60.2921, 59.7154, 102.9562



58.0964, 54.5643, 87.5911



14.4012, 14.8888, 19.0370



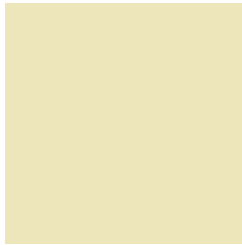
8.7003, 4.0476, 44.0657



0.7366, 0.4248, 3.4780

Previews

White Background



This preview shows how the XYZ color 72.1915, 78.1860, 58.3002 looks on a white background.

Color Contrast Check

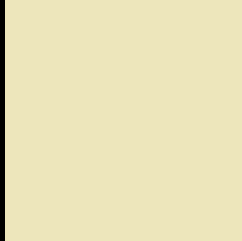
Large Text (above 18pt) WCAG AA × Fail

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 72.1915, 78.1860, 58.3002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

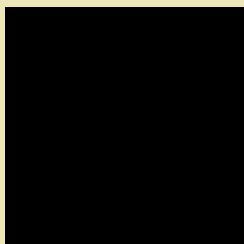
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

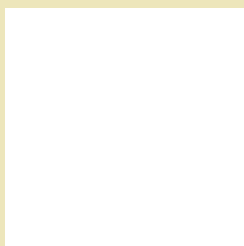
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.1915, 78.1860, 58.3002

Background



This preview shows how black text looks on a background with the XYZ color 72.1915, 78.1860, 58.3002.



This preview shows how white text looks on a background with the XYZ color 72.1915, 78.1860,

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

72.1915, 78.1860, 58.3002

Protanopia

73.2243, 77.9092, 57.6330

Deuteranopia

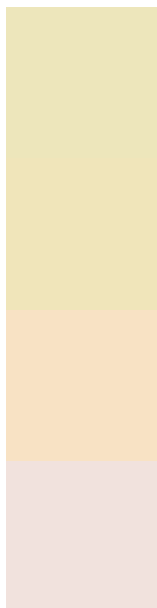
78.1703, 78.2524, 66.2425



Tritanopia

79.4241, 78.2997, 93.3653

Trichromacy



Original Color

72.1915, 78.1860, 58.3002

Protanomaly

72.8174, 78.1091, 57.6930

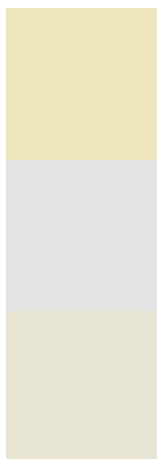
Deuteranomaly

75.8716, 78.3347, 63.3458

Tritanomaly

76.5231, 78.3139, 79.4895

Monochromacy



Original Color

72.1915, 78.1860, 58.3002

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.5821, 77.2292, 73.3686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1915, 78.1860, 58.3002 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(237, 230, 187)` looks like.

```
.text, #text, p{  
    color:rgb(237, 230, 187)  
}
```

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(237, 230, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 230, 187) }
```

Border

The CSS property to change the border of an element to XYZ 72.1915, 78.1860, 58.3002 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(237, 230, 187) }
```


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

```
.border{ border-color:rgb(237, 230, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 230, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 230, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 230, 187); box-shadow:4px 4px 4px 4px rgb(237, 230, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1915, 78.1860, 58.3002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 230, 187) }
```

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

```
.background{ background-color: rgb(237,  
230, 187) }
```

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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