

Converting Colors

XYZ(73.7462, 79.0469, 79.7308)

Have a look what the booklet for
XYZ(73.7462, 79.0469, 79.7308)
contains.

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Color

**XYZ(73.6220, 78.8663,
79.7490)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E7DD
RGB	228, 231, 221
RGB Percent	89%, 91%, 87%
CMY	0.1059, 0.0941, 0.1333
CMYK	0.01, 0.00, 0.04, 0.09
HSL	78°, 17%, 89%
HSV	78°, 4%, 91%
XYZ	73.6220, 78.8663, 79.7490
YIQ	228.9630, 1.4220, -3.7460

Conversions

Conversions Part 2

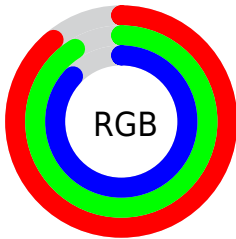
Format	Color
R _Y B	221, 231, 224
Decimal	15001565
CIE Lab	91.17, -2.77, 4.50
CIE LCh	91, 5.282, 121.567
Yxy	78.8663, 0.3170, 0.3396
Android (android.graphics.Color)	4293191645 (0xFFE4E7DD)
YUV	228.9630, -3.9258, -0.8446
Hunter-Lab	88.8067, -7.4327, 8.9219

Details

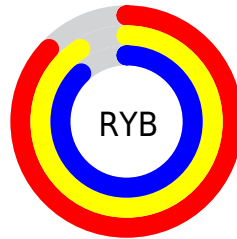
The XYZ color **73.6220, 78.8663, 79.7490** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.0237, 73.3318, 86.0165**, and the grayscale version is **74.4781, 78.3568, 85.3305**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4465, 42.2974, 42.1615** is the 20% darker color. If you saturate the color by 10%, you get **68.5975, 76.6099, 64.5380**, and if you desaturate by 10%, it is **79.1628, 81.3445, 97.1981**.

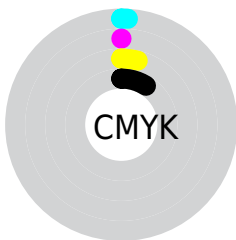
Distribution



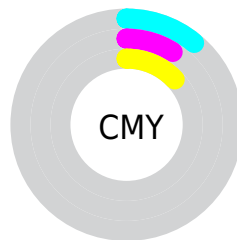
- Red (89%)
- Green (91%)
- Blue (87%)



- Red (87%)
- Yellow (91%)
- Blue (88%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (9%)



- Cyan (11%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6220, 78.8663, 79.7490 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 73.6220, 78.8663, 79.7490 by changing the saturation by 10% instead.

■ 73.6220, 78.8663,
79.7490

■ 73.6220, 78.8663,
79.7490

462.2382,
491.1039, 513.7710

■ 54.7749, 58.7859,
58.9869

123.3582,
131.7706, 134.8210

■ 39.4547, 42.4408,
42.1826

154.9780,
165.3633, 169.9679

■ 27.2959, 29.4466,
28.9177

191.5861,
204.2289, 210.7469

■ 17.9333, 19.4189,
18.7735

233.5478,
248.7518, 257.5764

■ 11.0015, 11.9734,
11.3316

281.2286,
299.3163, 310.8751

■ 6.1352, 6.7255,
6.1734

334.9936,

■ 2.9689, 3.2911,

356.3069, 371.0613

2.8803

395.2084,
420.1080, 438.5538

■ 1.1373, 1.2855,
1.0338

■ 0.0560, 0.1299,
0.0000

■ 73.6220, 78.8663,
79.7490

■ 73.6220, 78.8663,
79.7490

■ 68.5975, 76.6099,
64.5380

■ 79.1628, 81.3445,
97.1981

■ 64.0645, 74.5576,
51.4693

■ 83.2027, 83.2302,
106.2875

■ 60.0058, 72.7050,
40.4479

■ 85.6275, 84.4802,
106.4010

■ 56.4005, 71.0436,
31.3697

■ 87.8675, 85.6349,
106.5058

■ 53.2261, 69.5643,
24.1214

■ 50.4577, 68.2569,
18.5778

■ 48.0675, 67.1103,
14.5984

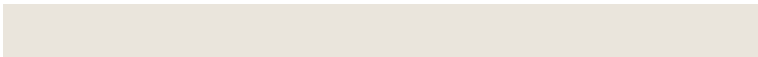
■ 46.0234, 66.1115,
12.0200

■ 44.2863, 65.2447,
10.6434

Harmonies

Analogous

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



74.8898, 78.8663, 78.7188



73.6220, 78.8663, 79.7490



72.7215, 78.8663, 82.4131

Triad

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



73.6220, 78.8663, 79.7490



73.7424, 78.8663, 92.5121



77.5600, 78.8663, 85.6708

Complementary

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



73.6220, 78.8663, 79.7490



71.0237, 73.3318, 86.0165

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.



77.2441, 78.8663, 89.4263



73.6220, 78.8663, 79.7490



75.0304, 78.8663, 93.4459

Square

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



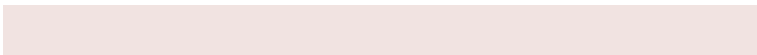
73.6220, 78.8663, 79.7490



72.7904, 78.8663, 89.7851



76.3142, 78.8663, 92.3006



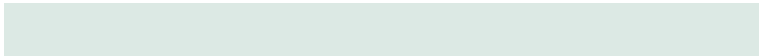
77.1724, 78.8663, 82.0743

Rectangle

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



73.6220, 78.8663, 79.7490



72.4451, 78.8663, 84.7965



76.3142, 78.8663, 92.3006



77.5325, 78.8663, 86.9566

Sweetspot

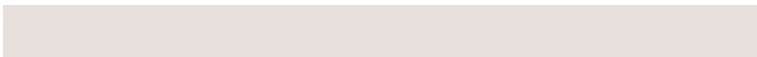
The Sweet Spot groups the original color and five complimentary colors.



73.6242, 78.8697, 79.7507



94.3609, 99.6919, 106.7389



72.6646, 75.5232, 79.1554



20.2044, 21.3414, 22.8693



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.



73.6242, 78.8697, 79.7507



91.6700, 98.4869, 98.3797



72.0610, 78.0638, 79.6776



15.5711, 16.7740, 16.5667



24.4625, 36.3924, 5.7351



1.9004, 2.7371, 0.4281

Inverse Universe

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



71.0237, 73.3318, 86.0165



87.9103, 90.4803, 107.4388



72.5961, 74.1424, 86.0901



14.8505, 15.2394, 18.3031



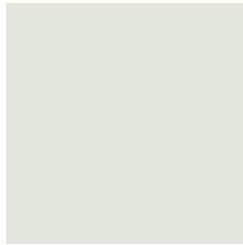
9.5863, 4.0078, 42.6515



0.7997, 0.3432, 3.1561

Previews

White Background



This preview shows how the XYZ color 73.6220, 78.8663, 79.7490 looks on a white background.

Color Contrast Check

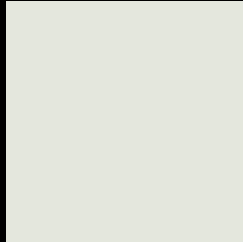
Large Text (above 18pt) WCAG AA × Fail

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 73.6220, 78.8663, 79.7490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

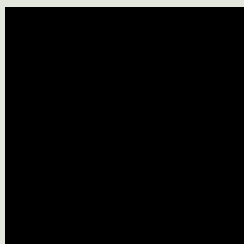
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

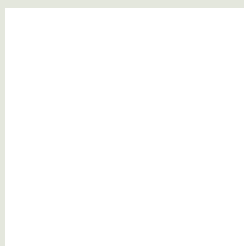
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.6220, 78.8663, 79.7490

Background



This preview shows how black text looks on a background with the XYZ color 73.6220, 78.8663, 79.7490.

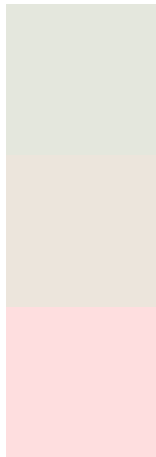


This preview shows how white text looks on a background with the XYZ color 73.6220, 78.8663,

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

73.6220, 78.8663, 79.7490

Protanopia

75.5297, 79.0388, 78.9853

Deuteranopia

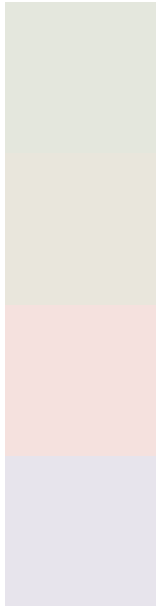
80.3136, 78.6411, 80.7583



Tritanopia

77.2292, 78.6865, 97.5038

Trichromacy



Original Color

73.6220, 78.8663, 79.7490

Protanomaly

74.8194, 79.0846, 79.0316

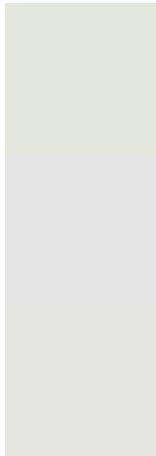
Deuteranomaly

77.7662, 78.5368, 80.1676

Tritanomaly

75.8387, 78.5319, 90.5179

Monochromacy



Original Color

73.6220, 78.8663, 79.7490

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.3374, 78.7426, 83.2324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6220, 78.8663, 79.7490 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(228, 231, 221) looks like.

```
.text, #text, p{  
    color:rgb(228, 231, 221)  
}
```

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(228, 231, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 231, 221) }
```

Border

The CSS property to change the border of an element to XYZ 73.6220, 78.8663, 79.7490 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(228, 231, 221) }
```


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

```
.border{ border-color:rgb(228, 231, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 231, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 231, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 231, 221);  
box-shadow:4px 4px 4px 4px rgb(228, 231,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6220, 78.8663, 79.7490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 231, 221) }
```

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

```
.background{ background-color: rgb(228,  
231, 221) }
```

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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