

Converting Colors

XYZ(72.6119, 80.9130, 73.4175)

Have a look what the booklet for
XYZ(72.6119, 80.9130, 73.4175)
contains.

XYZ(72.7825, 81.1188, 73.4495)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(72.7825, 81.1188,
73.4495)**

Conversions

Conversions Part 1

Format	Color
Hex	E0EDD3
RGB	224, 237, 211
RGB Percent	88%, 93%, 83%
CMY	0.1216, 0.0706, 0.1725
CMYK	0.05, 0.00, 0.11, 0.07
HSL	90°, 42%, 88%
HSV	90°, 11%, 93%
XYZ	72.7825, 81.1188, 73.4495
YIQ	230.1490, 0.5980, -10.8420

Conversions

Conversions Part 2

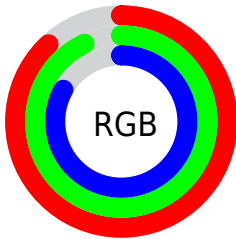
Format	Color
R _Y B	211, 237, 224
Decimal	14740947
CIE Lab	92.18, -8.87, 11.12
CIE LCh	92, 14.228, 128.588
Yxy	81.1188, 0.3201, 0.3568
Android (android.graphics.Color)	4292931027 (0xFFE0EDD3)
YUV	230.1490, -9.4405, -5.3927
Hunter-Lab	90.0660, -13.3692, 14.6947

Details

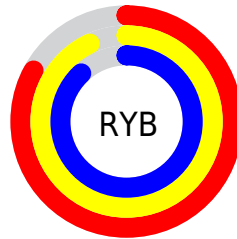
The XYZ color **72.7825, 81.1188, 73.4495** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **69.3241, 68.5525, 89.7032**, and the grayscale version is **75.3934, 79.3197, 86.3791**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8868, 43.8831, 37.8732** is the 20% darker color. If you saturate the color by 10%, you get **66.4819, 78.1915, 58.7715**, and if you desaturate by 10%, it is **79.7818, 84.3604, 90.4503**.

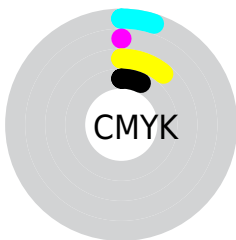
Distribution



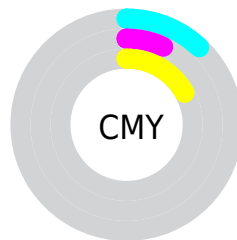
- Red (88%)
- Green (93%)
- Blue (83%)



- Red (83%)
- Yellow (93%)
- Blue (88%)



- Cyan (5%)
- Magenta (0%)
- Yellow (11%)
- Black (7%)



- Cyan (12%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.7825, 81.1188, 73.4495 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 72.7825, 81.1188, 73.4495 by changing the saturation by 10% instead.

72.7825, 81.1188,
73.4495

72.7825, 81.1188,
73.4495

459.3761,
498.6953, 491.6837

54.0859, 60.6394,
53.8495

122.1732,
134.9376, 125.8420

38.9013, 43.9343,
38.0890

153.5980,
169.0458, 159.4715

26.8633, 30.6188,
25.7494

189.9962,
208.4657, 198.6147

17.6066, 20.3088,
16.4122

231.7332,
253.5818, 243.6900

10.7659, 12.6197,
9.6588

279.1743,
304.7784, 295.1161

5.9758, 7.1672,
5.0707

332.6849,

2.8709, 3.5669,

362.4399, 353.3113

2.2293

392.6304,
426.9508, 418.6944

■ 1.0859, 1.4344,
0.6912

■ 0.0132, 0.2418,
0.0000

■ 72.7825, 81.1188,
73.4495

■ 72.7825, 81.1188,
73.4495

■ 66.4819, 78.1915,
58.7715

■ 79.7818, 84.3604,
90.4503

■ 60.8491, 75.5576,
46.3102

■ 86.9432, 87.6944,
106.9521

■ 55.8604, 73.2098,
35.9591

■ 89.5758, 89.0516,
107.0753

■ 51.4881, 71.1363,
27.6009

■ 47.7020, 69.3243,
21.1068

■ 44.4689, 67.7599,
16.3327

■ 41.7513, 66.4274,
13.1138

■ 39.5054, 65.3084,
11.2526

■ 37.8222, 64.4567,
10.4480

Harmonies

Analogous

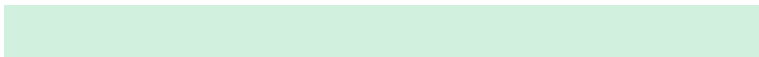
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.0519, 81.1188, 69.8092



72.7825, 81.1188, 73.4495



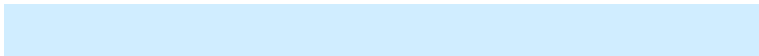
70.7157, 81.1188, 81.1495

Triad

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



72.7825, 81.1188, 73.4495



74.5532, 81.1188, 108.5088



84.2917, 81.1188, 85.3407

Complementary

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



72.7825, 81.1188, 73.4495



69.3241, 68.5525, 89.7032

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.



83.8595, 81.1188, 95.9106



72.7825, 81.1188, 73.4495



78.1596, 81.1188, 109.8546

Square

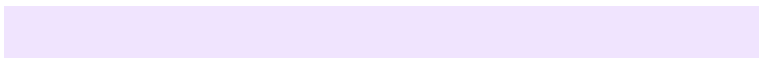
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



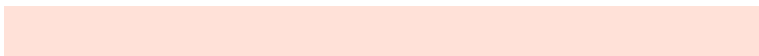
72.7825, 81.1188, 73.4495



71.7152, 81.1188, 101.5400



81.5870, 81.1188, 105.0835



82.7499, 81.1188, 76.3086

Rectangle

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



72.7825, 81.1188, 73.4495



70.2589, 81.1188, 87.8275



81.5870, 81.1188, 105.0835



84.3735, 81.1188, 88.8236

Sweetspot

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



72.7847, 81.1223, 73.4513



92.4490, 98.7986, 102.4766



73.3417, 76.0220, 72.4375



19.6419, 21.0795, 21.5761



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.



72.7847, 81.1223, 73.4513



84.3263, 95.0361, 82.9012



68.9084, 79.1240, 73.2699



15.5858, 17.2320, 16.0234



20.7999, 35.2672, 5.7110



1.7442, 2.8265, 0.4536

Inverse Universe

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



69.3241, 68.5525, 89.7032



79.5354, 77.6343, 105.4007



73.5085, 70.7097, 89.8991



14.9490, 14.9190, 19.0140



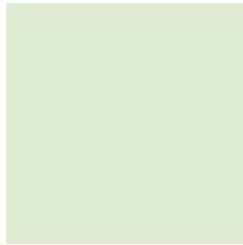
12.6151, 5.5393, 44.1473



1.1015, 0.4922, 3.4718

Previews

White Background



This preview shows how the XYZ color 72.7825, 81.1188, 73.4495 looks on a white background.

Color Contrast Check

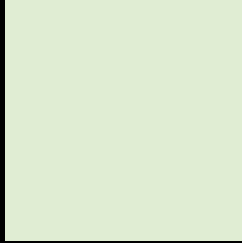
Large Text (above 18pt) WCAG AA × Fail

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 72.7825, 81.1188, 73.4495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

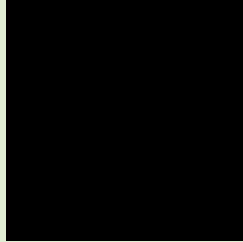
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

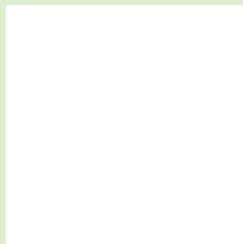
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.7825, 81.1188, 73.4495

Background



This preview shows how black text looks on a background with the XYZ color 72.7825, 81.1188, 73.4495.

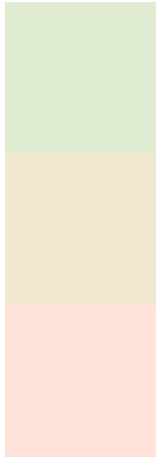


This preview shows how white text looks on a background with the XYZ color 72.7825, 81.1188,

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

72.7825, 81.1188, 73.4495

Protanopia

76.8597, 81.1445, 71.2860

Deuteranopia

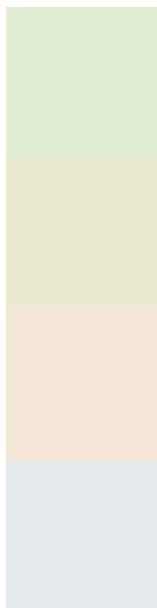
81.0912, 80.7147, 77.6352



Tritanopia

78.4644, 80.8769, 101.9178

Trichromacy



Original Color

72.7825, 81.1188, 73.4495

Protanomaly

75.1924, 81.1113, 72.0146

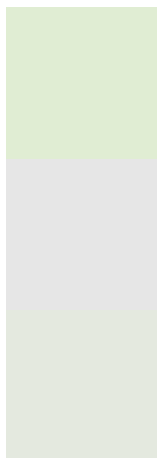
Deuteranomaly

77.8708, 80.7330, 75.7688

Tritanomaly

76.2741, 80.8279, 90.9382

Monochromacy



Original Color

72.7825, 81.1188, 73.4495

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.4531, 80.0995, 81.3487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7825, 81.1188, 73.4495 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(224, 237, 211)` looks like.

```
.text, #text, p{  
    color:rgb(224, 237, 211)  
}
```

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(224, 237, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 237, 211) }
```

Border

The CSS property to change the border of an element to XYZ 72.7825, 81.1188, 73.4495 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(224, 237, 211) }
```


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

```
.border{ border-color:rgb(224, 237, 211) }
```

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

Here you see how a box with a 4 pixel rgb(224, 237, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 237, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 237, 211);  
box-shadow:4px 4px 4px 4px rgb(224, 237,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7825, 81.1188, 73.4495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 237, 211) }
```

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

```
.background{ background-color: rgb(224,  
237, 211) }
```

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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