

Converting Colors

XYZ(74.3044, 79.5547, 66.0984)

Have a look what the booklet for
XYZ(74.3044, 79.5547, 66.0984)
contains.

XYZ(74.2611, 79.4991, 66.0745)	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(74.2611, 79.4991,
66.0745)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE7C8
RGB	238, 231, 200
RGB Percent	93%, 91%, 78%
CMY	0.0667, 0.0941, 0.2157
CMYK	0.00, 0.03, 0.16, 0.07
HSL	49°, 53%, 86%
HSV	49°, 16%, 93%
XYZ	74.2611, 79.4991, 66.0745
YIQ	229.5590, 14.1230, -8.1570

Conversions

Conversions Part 2

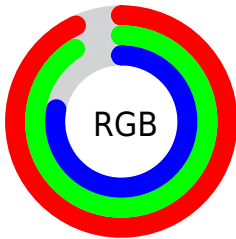
Format	Color
R _Y B	209, 238, 200
Decimal	15656904
CIE Lab	91.46, -2.67, 15.95
CIE LCh	91, 16.173, 99.512
Yxy	79.4991, 0.3378, 0.3616
Android (android.graphics.Color)	4293846984 (0xFFEEE7C8)
YUV	229.5590, -14.5726, 7.4028
Hunter-Lab	89.1623, -7.3656, 18.4762

Details

The XYZ color **74.2611, 79.4991, 66.0745** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **61.5646, 63.0767, 89.8196**, and the grayscale version is **74.9866, 78.8918, 85.9131**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0050, 43.0711, 33.3992** is the 20% darker color. If you saturate the color by 10%, you get **70.4832, 76.0530, 52.1439**, and if you desaturate by 10%, it is **78.5070, 83.1868, 82.2992**.

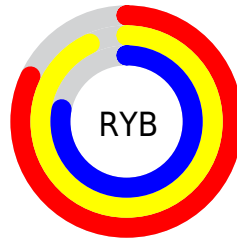
Distribution



Red (93%)

Green (91%)

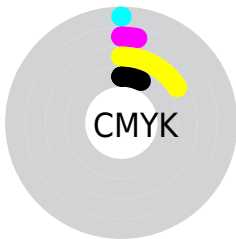
Blue (78%)



Red (82%)

Yellow (93%)

Blue (78%)

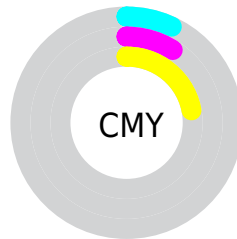


Cyan (0%)

Magenta (3%)

Yellow (16%)

Black (7%)



Cyan (7%)

Magenta (9%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2611, 79.4991, 66.0745 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 74.2611, 79.4991, 66.0745 by changing the saturation by 10% instead.

■ 74.2611, 79.4991,
66.0745

■ 74.2611, 79.4991,
66.0745

464.4104,
493.2432, 465.0548

■ 55.2998, 59.3063,
47.8760

124.2594,
132.6613, 115.2213

■ 39.8766, 42.8597,
33.3694

156.0271,
166.3994, 147.0067

■ 27.6261, 29.7751,
22.1362

192.7943,
205.4213, 184.1581

■ 18.1830, 19.6679,
13.7577

234.9264,
250.1116, 227.0941

■ 11.1820, 12.1539,
7.8155

282.7887,
300.8545, 276.2332

■ 6.2576, 6.8486,
3.8911

336.7465,

■ 3.0445, 3.3676,

358.0345, 331.9940

1.5658

397.1653,
422.0359, 394.7950

■ 1.1773, 1.3265,
0.2662

■ 0.0883, 0.1616,
0.0000

■ 74.2611, 79.4991,
66.0745

■ 74.2611, 79.4991,
66.0745

■ 70.4832, 76.0530,
52.1439

■ 78.5070, 83.1868,
82.2992

■ 67.1467, 72.8296,
40.3971

■ 83.2335, 87.1135,
100.9113

■ 64.2320, 69.8234,
30.7222

■ 85.7056, 90.1883,
107.4987

■ 61.7153, 67.0243,
22.9955

■ 87.0407, 92.8585,
107.9437

■ 59.5706, 64.4218,
17.0798

■ 88.4073, 95.5917,
108.3992

■ 57.7680, 62.0034,
12.8205

■ 89.0701, 96.9172,
108.6201

■ 56.2731, 59.7549,
10.0364

■ 55.0431, 57.6591,
8.5039

■ 54.5943, 56.8456,
8.0949

Harmonies

Analogous

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



78.3658, 79.4991, 67.0162



74.2611, 79.4991, 66.0745



70.6368, 79.4991, 70.2244

Triad

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



74.2611, 79.4991, 66.0745



69.6183, 79.4991, 101.7987



83.2208, 79.4991, 94.7398

Complementary

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



74.2611, 79.4991, 66.0745



61.5646, 63.0767, 89.8196

Split Complementary

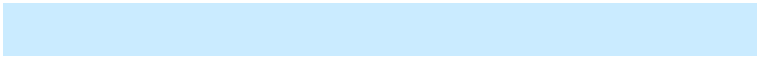
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.7099, 79.4991, 105.2530



74.2611, 79.4991, 66.0745



72.8249, 79.4991, 109.5782

Square

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



74.2611, 79.4991, 66.0745



68.0212, 79.4991, 90.3611



76.8770, 79.4991, 110.8967



83.6394, 79.4991, 82.8689

Rectangle

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



74.2611, 79.4991, 66.0745



68.9442, 79.4991, 75.5622



76.8770, 79.4991, 110.8967



82.5893, 79.4991, 98.5784

Sweetspot

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



74.2632, 79.5026, 66.0762



92.3204, 97.7175, 98.1970



67.2510, 64.0212, 68.2307



19.6807, 20.8481, 20.7084



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.



74.2632, 79.5026, 66.0762



85.4281, 91.7041, 71.9416



72.5531, 81.5857, 66.5684



16.8611, 17.9353, 16.7229



30.5465, 31.8911, 4.5456



2.6046, 2.7800, 0.3993

Inverse Universe

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



61.5646, 63.0767, 89.8196



68.0765, 69.2605, 104.3883



63.0666, 61.3908, 89.4150



15.1326, 15.6993, 19.9543



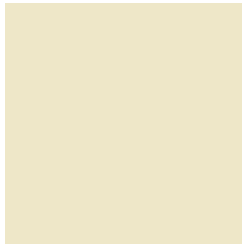
9.1761, 4.5764, 45.5276



0.8283, 0.5107, 3.8091

Previews

White Background



This preview shows how the XYZ color 74.2611, 79.4991, 66.0745 looks on a white background.

Color Contrast Check

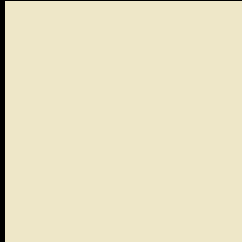
Large Text (above 18pt) WCAG AA × Fail

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 74.2611, 79.4991, 66.0745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

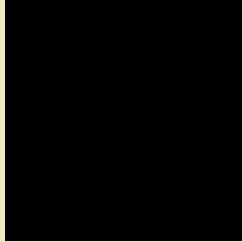
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

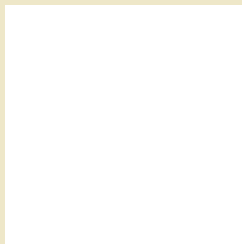
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2611, 79.4991, 66.0745

Background



This preview shows how black text looks on a background with the XYZ color 74.2611, 79.4991, 66.0745.

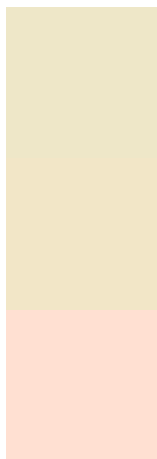


This preview shows how white text looks on a background with the XYZ color 74.2611, 79.4991,

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

74.2611, 79.4991, 66.0745

Protanopia

75.2236, 79.5944, 65.4314

Deuteranopia

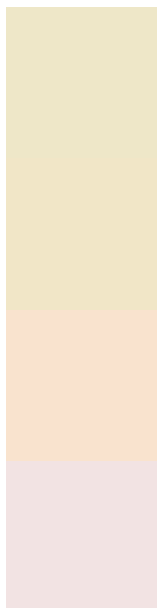
79.5285, 79.2245, 72.0730



Tritanopia

80.4111, 79.5546, 95.9115

Trichromacy



Original Color

74.2611, 79.4991, 66.0745

Protanomaly

74.8812, 79.4179, 65.4154

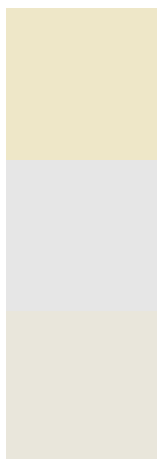
Deuteranomaly

77.6766, 79.5341, 69.6501

Tritanomaly

77.9522, 79.3615, 83.8828

Monochromacy



Original Color

74.2611, 79.4991, 66.0745

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.6873, 79.0317, 78.3360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2611, 79.4991, 66.0745 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(238, 231, 200)` looks like.

```
.text, #text, p{  
    color:rgb(238, 231, 200)  
}
```

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(238, 231, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 231, 200) }
```

Border

The CSS property to change the border of an element to XYZ 74.2611, 79.4991, 66.0745 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(238, 231, 200) }
```


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

```
.border{ border-color:rgb(238, 231, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 231, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 231, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 231, 200); box-shadow:4px 4px 4px 4px rgb(238, 231, 200) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2611, 79.4991, 66.0745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 231, 200) }
```

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

```
.background{ background-color: rgb(238,  
231, 200) }
```

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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