

Converting Colors

XYZ(71.5736, 71.9920, 71.7515)

Have a look what the booklet for
XYZ(71.5736, 71.9920, 71.7515)
contains.

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Color

**XYZ(71.5736, 71.9920,
71.7515)**

Conversions

Conversions Part 1

Format	Color
Hex	EED8D3
RGB	238, 216, 211
RGB Percent	93%, 85%, 83%
CMY	0.0667, 0.1529, 0.1725
CMYK	0.00, 0.09, 0.11, 0.07
HSL	11°, 44%, 88%
HSV	11°, 11%, 93%
XYZ	71.5736, 71.9920, 71.7515
YIQ	222.0080, 14.7170, 3.1090

Conversions

Conversions Part 2

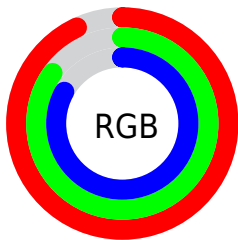
Format	Color
R_{YB}	238, 217, 211
Decimal	15653075
CIE _{Lab}	87.96, 6.77, 5.21
CIE _{LCh}	88, 8.540, 37.577
Yxy	71.9920, 0.3324, 0.3344
Android (android.graphics.Color)	4293843155 (0xFFEED8D3)
YUV	222.0080, -5.4269, 14.0250
Hunter-Lab	84.8481, 2.0895, 9.2553

Details

The XYZ color **71.5736, 71.9920, 71.7515** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.4351, 78.2982, 92.2377**, and the grayscale version is **69.4683, 73.0860, 79.5907**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1221, 37.8691, 37.1985** is the 20% darker color. If you saturate the color by 10%, you get **64.1308, 61.5325, 55.6237**, and if you desaturate by 10%, it is **80.0484, 83.8069, 90.4044**.

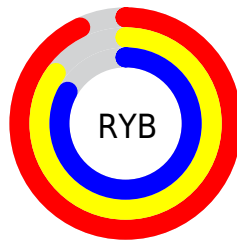
Distribution



Red (93%)

Green (85%)

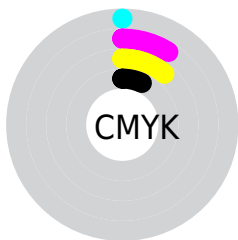
Blue (83%)



Red (93%)

Yellow (85%)

Blue (83%)

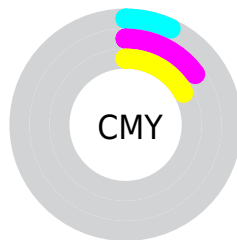


Cyan (0%)

Magenta (9%)

Yellow (11%)

Black (7%)



Cyan (7%)


Magenta (15%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.5736, 71.9920, 71.7515 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 71.5736, 71.9920, 71.7515 by changing the saturation by 10% instead.


 71.5736, 71.9920,
71.7515

 71.5736, 71.9920,
71.7515


455.2368,
467.5138, 485.6305

 53.0946, 53.1521,
52.4701


120.4642,
122.0452, 123.4076

 38.1061, 37.9242,
36.9951


151.6065,
154.0272, 156.6194

 26.2426, 25.9239,
24.9079


187.7007,
191.1589, 195.3117

 17.1389, 16.7667,
15.7901

229.1121,
233.8244, 239.9031

 10.4295, 10.0683,
9.2230

276.2061,
282.4083, 290.8122

 5.7491, 5.4443,
4.7881

329.3479,

 2.7323, 2.5102,

337.2949, 348.4574

2.0669

388.9031,
398.8686, 413.2573

■ 1.0138, 0.8817,
0.5960

■ 0.0000, 0.0000,
0.0000

■ 71.5736, 71.9920,
71.7515

■ 71.5736, 71.9920,
71.7515

■ 64.1308, 61.5325,
55.6237

■ 80.0484, 83.8069,
90.4044

■ 57.6743, 52.3705,
41.9079

■ 89.0012, 96.7792,
108.5971

■ 52.1639, 44.4579,
30.4890

■ 89.0702, 96.9173,
108.6202

■ 47.5542, 37.7400,
21.2406

■ 43.7961, 32.1583,
14.0243

■ 40.8356, 27.6487,
8.6855

■ 38.6119, 24.1411,
5.0472

■ 37.0550, 21.5562,
2.8980

■ 36.1651, 19.9870,
1.9518

Harmonies

Analogous

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



72.3777, 71.9920, 76.9190



71.5736, 71.9920, 71.7515



69.9293, 71.9920, 68.4801

Triad

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



71.5736, 71.9920, 71.7515



64.8734, 71.9920, 74.1908



68.9434, 71.9920, 90.0253

Complementary

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



71.5736, 71.9920, 71.7515



71.4351, 78.2982, 92.2377

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.



66.9449, 71.9920, 89.2061



71.5736, 71.9920, 71.7515



64.6213, 71.9920, 79.8736

Square

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



71.5736, 71.9920, 71.7515



66.0683, 71.9920, 69.8390



65.3725, 71.9920, 85.4196



70.8396, 71.9920, 87.6056

Rectangle

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



71.5736, 71.9920, 71.7515



68.5917, 71.9920, 67.7180



65.3725, 71.9920, 85.4196



68.2610, 71.9920, 90.1216

Sweetspot

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



71.5756, 71.9952, 71.7530



91.8866, 95.6050, 101.8898



73.2701, 70.6527, 86.9046



19.4906, 20.2173, 21.4176



0.0000, 0.0000, 0.0000



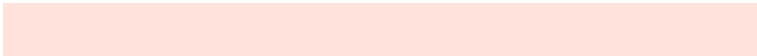
20.3446, 21.4041, 23.3091

Same Dimension

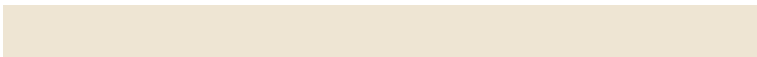
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.5756, 71.9952, 71.7530



81.2395, 80.7378, 78.5273



75.1626, 79.1691, 72.9487



16.0098, 16.2327, 16.4391



20.2443, 11.2867, 1.1116



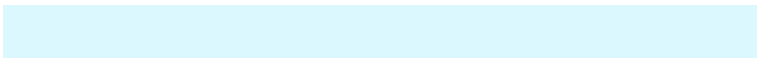
1.7494, 1.0694, 0.1142

Inverse Universe

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



71.4351, 78.2982, 92.2377



81.0391, 89.6973, 107.6498



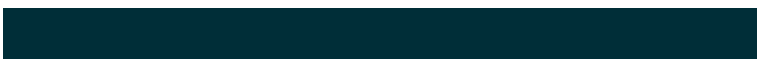
67.7728, 70.9734, 91.0169



15.9838, 17.4017, 20.2380



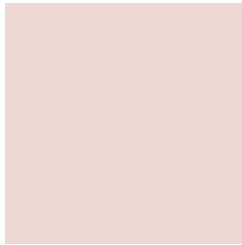
19.4478, 25.1199, 48.9515



1.6817, 2.2173, 4.0936

Previews

White Background



This preview shows how the XYZ color 71.5736, 71.9920, 71.7515 looks on a white background.

Color Contrast Check

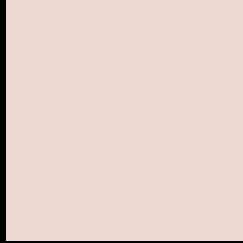
Large Text (above 18pt) WCAG AA × Fail

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 71.5736, 71.9920, 71.7515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

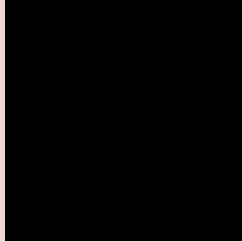
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

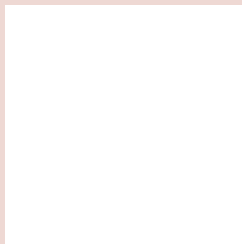
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.5736, 71.9920, 71.7515

Background



This preview shows how black text looks on a background with the XYZ color 71.5736, 71.9920, 71.7515.



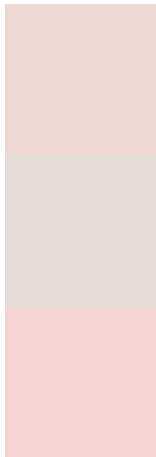
This preview shows how white text looks on a background with the XYZ color 71.5736, 71.9920,

71.7515.

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

71.5736, 71.9920, 71.7515

Protanopia

68.9675, 72.1592, 73.2439

Deuteranopia

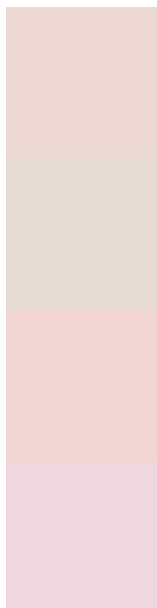
73.3341, 71.7544, 72.2722



Tritanopia

74.3528, 72.0024, 84.8420

Trichromacy



Original Color

71.5736, 71.9920, 71.7515

Protanomaly

69.8483, 72.2395, 72.5496

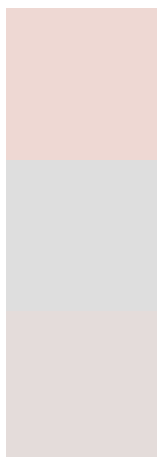
Deuteranomaly

72.5482, 71.7238, 72.3077

Tritanomaly

73.3010, 71.9461, 79.8356

Monochromacy



Original Color

71.5736, 71.9920, 71.7515

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.2430, 72.7423, 76.6681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5736, 71.9920, 71.7515 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, 216, 211) looks like.

```
.text, #text, p{  
    color:rgb(238, 216, 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(238, 216, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 216, 211) }
```

Border

The CSS property to change the border of an element to XYZ 71.5736, 71.9920, 71.7515 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, 216, 211) }
```


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

```
.border{ border-color:rgb(238, 216, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 216, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 216, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 216, 211);  
box-shadow:4px 4px 4px 4px rgb(238, 216,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5736, 71.9920, 71.7515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 216, 211) }
```

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

```
.background{ background-color: rgb(238,  
216, 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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