

Converting Colors

XYZ(74.0406, 74.1702, 76.1295)

Have a look what the booklet for
XYZ(74.0406, 74.1702, 76.1295)
contains.

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Color

**XYZ(74.1315, 74.3736,
76.0940)**

Conversions

Conversions Part 1

Format	Color
Hex	F1DBD9
RGB	241, 219, 217
RGB Percent	95%, 86%, 85%
CMY	0.0549, 0.1412, 0.1490
CMYK	0.00, 0.09, 0.10, 0.05
HSL	5°, 46%, 90%
HSV	5°, 10%, 95%
XYZ	74.1315, 74.3736, 76.0940
YIQ	225.3500, 13.7540, 4.0420

Conversions

Conversions Part 2

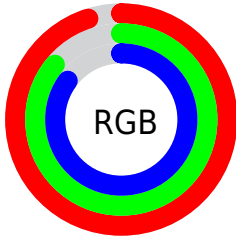
Format	Color
R _Y B	241, 219, 217
Decimal	15850457
CIE Lab	89.10, 7.24, 3.72
CIE LCh	89, 8.136, 27.211
Yxy	74.3736, 0.3301, 0.3311
Android (android.graphics.Color)	4294040537 (0xFFFF1DBD9)
YUV	225.3500, -4.1165, 13.7251
Hunter-Lab	86.2401, 2.5173, 8.0535

Details

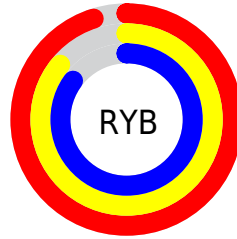
The XYZ color **74.1315, 74.3736, 76.0940** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.3585, 82.8338, 95.2365**, and the grayscale version is **71.8433, 75.5848, 82.3118**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8046, 39.4738, 39.7037** is the 20% darker color. If you saturate the color by 10%, you get **65.8384, 62.4423, 58.9770**, and if you desaturate by 10%, it is **83.6512, 88.0237, 95.8801**.

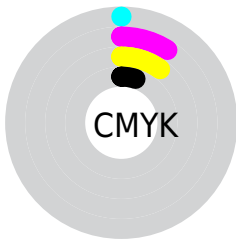
Distribution



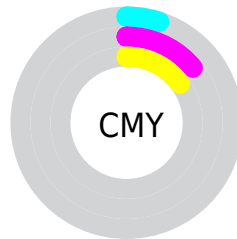
- Red (95%)
- Green (86%)
- Blue (85%)



- Red (95%)
- Yellow (86%)
- Blue (85%)



- Cyan (0%)
- Magenta (9%)
- Yellow (10%)
- Black (5%)





- Cyan (5%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.1315, 74.3736, 76.0940 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 74.1315, 74.3736, 76.0940 by changing the saturation by 10% instead.


 74.1315, 74.3736,
76.0940

 74.1315, 74.3736,
76.0940


463.9704,
475.7618, 501.0248

 55.1933, 55.0999,
56.0025


124.0767,
125.4253, 129.6211

 39.7910, 39.4817,
39.8009

155.8144,
157.9720, 163.8937

 27.5591, 27.1347,
27.0707

192.5494,
195.7119, 203.7305

 18.1323, 17.6744,
17.3934

234.6470,
239.0292, 249.5499

 11.1453, 10.7165,
10.3505

282.4725,
288.3085, 301.7704

 6.2327, 5.8765,
5.5233

336.3914,

 3.0291, 2.7701,

343.9341, 360.8108

2.4934

396.7689,
406.2904, 427.0894

■ 1.1692, 1.0129,
0.8367

■ 0.0818, 0.0000,
0.0000

■ 74.1315, 74.3736,
76.0940

■ 74.1315, 74.3736,
76.0940

■ 65.8384, 62.4423,
58.9770

■ 83.6512, 88.0237,
95.8801

■ 58.7159, 52.1524,
44.4102

■ 90.0859, 97.4409,
108.6677

■ 52.7131, 43.4348,
32.2729

■ 47.7730, 36.2122,
22.4329

■ 43.8332, 30.4004,
14.7453

■ 40.8252, 25.9069,
9.0485

■ 38.6714, 22.6283,
5.1585

■ 37.2818, 20.4456,
2.8566

■ 36.5305, 19.2093,
1.7853

Harmonies

Analogous

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



74.5628, 74.3736, 81.5121



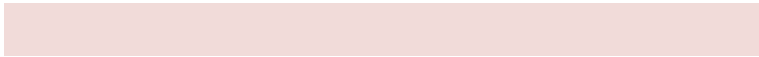
74.1315, 74.3736, 76.0940



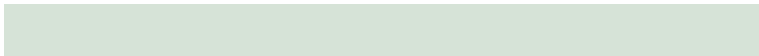
72.7726, 74.3736, 72.1519

Triad

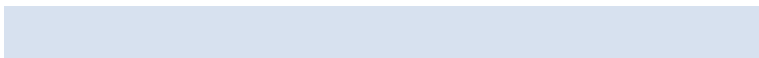
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1315, 74.3736, 76.0940



67.5361, 74.3736, 75.2155



70.5047, 74.3736, 92.3712

Complementary

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



74.1315, 74.3736, 76.0940



75.3585, 82.8338, 95.2365

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.



68.6473, 74.3736, 90.5007



74.1315, 74.3736, 76.0940



66.9535, 74.3736, 80.4506

Square

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



74.1315, 74.3736, 76.0940



68.9625, 74.3736, 71.6616



67.3565, 74.3736, 86.0712



72.4459, 74.3736, 91.0735

Rectangle

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



74.1315, 74.3736, 76.0940



71.5363, 74.3736, 70.8018



67.3565, 74.3736, 86.0712



69.8501, 74.3736, 92.0902

Sweetspot

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



74.1336, 74.3769, 76.0956



91.6466, 95.1250, 101.8098



76.6693, 74.5595, 92.0126



19.4261, 20.0884, 21.3961



0.0000, 0.0000, 0.0000



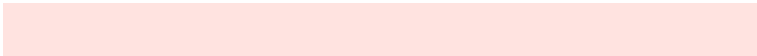
20.3446, 21.4041, 23.3091

Same Dimension

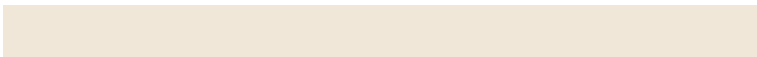
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1336, 74.3769, 76.0956



82.2058, 81.5775, 82.2191



77.3767, 80.8632, 77.1766



15.8789, 15.9709, 16.3955



19.8471, 10.4922, 0.9791



1.6873, 0.9453, 0.0935

Inverse Universe

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



75.3585, 82.8338, 95.2365



83.8647, 93.0315, 108.1445



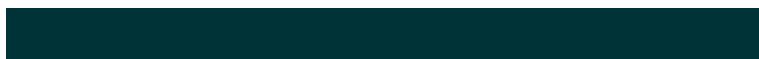
71.9625, 76.0417, 94.1045



16.1279, 17.6899, 20.2861



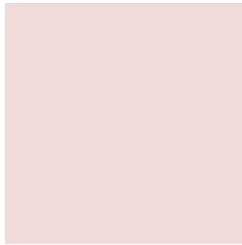
22.6616, 31.5475, 50.0228



1.9183, 2.6905, 4.1724

Previews

White Background



This preview shows how the XYZ color 74.1315, 74.3736, 76.0940 looks on a white background.

Color Contrast Check

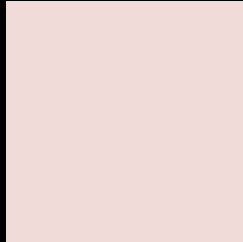
Large Text (above 18pt) WCAG AA × Fail

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 74.1315, 74.3736, 76.0940 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 74.1315, 74.3736, 76.0940

Background



This preview shows how black text looks on a background with the XYZ color 74.1315, 74.3736, 76.0940.



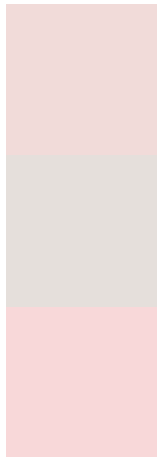
This preview shows how white text looks on a background with the XYZ color 74.1315, 74.3736,

76.0940.

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

74.1315, 74.3736, 76.0940

Protanopia

71.4870, 74.5478, 77.6392

Deuteranopia

75.7917, 74.0779, 75.9495



Tritanopia

76.2260, 74.0496, 87.3663

Trichromacy



Original Color

74.1315, 74.3736, 76.0940

Protanomaly

72.3804, 74.6281, 76.9195

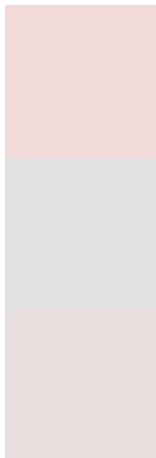
Deuteranomaly

74.9934, 74.0479, 75.9857

Tritanomaly

75.2959, 74.0490, 82.9974

Monochromacy



Original Color

74.1315, 74.3736, 76.0940

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.5275, 75.0382, 79.7685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1315, 74.3736, 76.0940 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(241, 219, 217)` looks like.

```
.text, #text, p{  
    color:rgb(241, 219, 217)  
}
```

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(241, 219, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 219, 217) }
```

Border

The CSS property to change the border of an element to XYZ 74.1315, 74.3736, 76.0940 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(241, 219, 217) }
```


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

```
.border{ border-color:rgb(241, 219, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 219, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 219, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 219, 217);  
box-shadow:4px 4px 4px 4px rgb(241, 219,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1315, 74.3736, 76.0940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 219, 217) }
```

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

```
.background{ background-color: rgb(241,  
219, 217) }
```

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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