

Converting Colors

XYZ(71.1931, 75.0257, 78.9027)

Have a look what the booklet for
XYZ(71.1931, 75.0257, 78.9027)
contains.

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Color

**XYZ(71.3404, 75.2396,
79.1693)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E1DD
RGB	226, 225, 221
RGB Percent	89%, 88%, 87%
CMY	0.1137, 0.1176, 0.1333
CMYK	0.00, 0.00, 0.02, 0.11
HSL	48°, 8%, 88%
HSV	48°, 2%, 89%
XYZ	71.3404, 75.2396, 79.1693
YIQ	224.8430, 1.8800, -1.0320

Conversions

Conversions Part 2

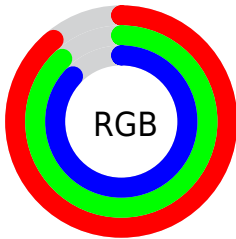
Format	Color
RYB	222, 226, 221
Decimal	14868957
CIELab	89.51, -0.37, 2.06
CIELCh	90, 2.094, 100.071
Yxy	75.2396, 0.3160, 0.3333
Android (android.graphics.Color)	4293059037 (0xFFE2E1DD)
YUV	224.8430, -1.8946, 1.0147
Hunter-Lab	86.7408, -4.9881, 6.6039

Details

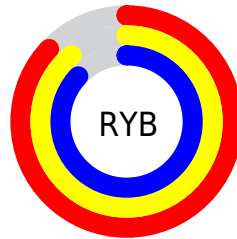
The XYZ color **71.3404, 75.2396, 79.1693** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.6677, 73.1049, 82.3913**, and the grayscale version is **71.4693, 75.1913, 81.8833**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0522, 40.1606, 41.8226** is the 20% darker color. If you saturate the color by 10%, you get **67.3292, 71.7154, 63.9630**, and if you desaturate by 10%, it is **75.7933, 78.9967, 96.5244**.

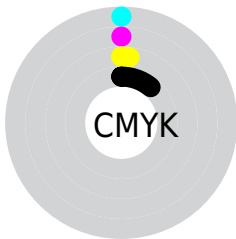
Distribution



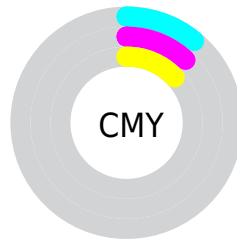
- Red (89%)
- Green (88%)
- Blue (87%)



- Red (87%)
- Yellow (89%)
- Blue (87%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (11%)



- Cyan (11%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.3404, 75.2396, 79.1693 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 71.3404, 75.2396, 79.1693 by changing the saturation by 10% instead.

■ 71.3404, 75.2396,
79.1693

■ 71.3404, 75.2396,
79.1693

454.4358,
478.7407, 511.7616

■ 52.9036, 55.8092,
58.5129

120.1342,
126.6515, 133.9980

■ 37.9530, 40.0500,
41.8037

151.2218,
159.4017, 169.0074

■ 26.1232, 27.5775,
28.6232

187.2571,
197.3607, 209.6381

■ 17.0490, 18.0074,
18.5528

228.6054,
240.9129, 256.3088

■ 10.3650, 10.9553,
11.1741

275.6321,
290.4425, 309.4379

■ 5.7057, 6.0368,
6.0684

328.7025,

■ 2.7059, 2.8675,

346.3341, 369.4441

2.8173

388.1820,
408.9721, 436.7458

■ 1.0002, 1.0629,
1.0021

■ 0.0000, 0.0000,
0.0000

■ 71.3404, 75.2396,
79.1693

■ 71.3404, 75.2396,
79.1693

■ 67.3292, 71.7154,
63.9630

■ 75.7933, 78.9967,
96.5244

■ 63.7371, 68.4074,
50.8160

■ 78.8404, 82.2408,
106.3265

■ 60.5489, 65.3115,
39.6393

■ 80.1388, 84.8376,
106.7593

■ 57.7457, 62.4198,
30.3359

■ 81.4700, 87.5000,
107.2030

■ 55.3074, 59.7238,
22.8005

■ 82.8342, 90.2285,
107.6577

■ 53.2117, 57.2143,
16.9170

■ 84.2318, 93.0235,
108.1236

■ 51.4337, 54.8808,
12.5557

■ 85.1745, 94.9090,
108.4378

■ 49.9449, 52.7116,
9.5674

■ 48.7109, 50.6923,
7.7725

Harmonies

Analogous

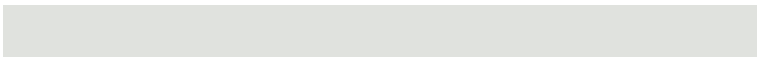
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.8502, 75.2396, 79.2924



71.3404, 75.2396, 79.1693



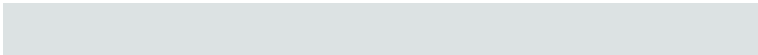
70.8790, 75.2396, 79.7774

Triad

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



71.3404, 75.2396, 79.1693



70.7598, 75.2396, 83.7577



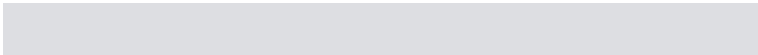
72.4456, 75.2396, 82.8912

Complementary

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



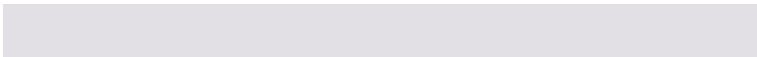
71.3404, 75.2396, 79.1693



69.6677, 73.1049, 82.3913

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.



72.1507, 75.2396, 84.1070



71.3404, 75.2396, 79.1693



71.1768, 75.2396, 84.6115

Square

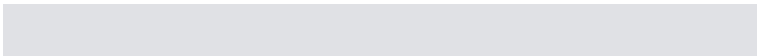
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



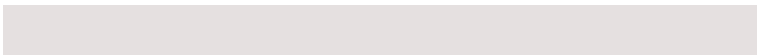
71.3404, 75.2396, 79.1693



70.5448, 75.2396, 82.4188



71.6858, 75.2396, 84.7401



72.4899, 75.2396, 81.4295

Rectangle

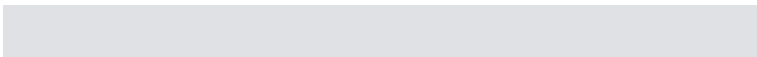
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



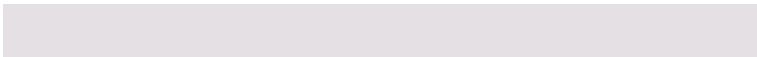
71.3404, 75.2396, 79.1693



70.6604, 75.2396, 80.5198



71.6858, 75.2396, 84.7401



72.3724, 75.2396, 83.3427

Sweetspot

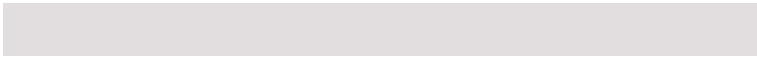
The Sweet Spot groups the original color and five complimentary colors.



71.3425, 75.2428, 79.1709



94.4802, 99.5131, 106.6981



70.4064, 73.1568, 79.5182



20.2287, 21.3050, 22.8610



0.0000, 0.0000, 0.0000



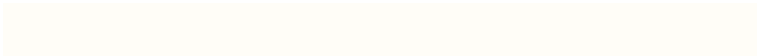
20.3446, 21.4041, 23.3091

Same Dimension

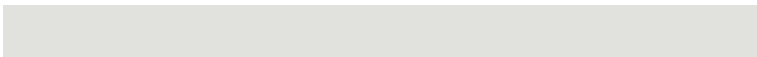
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.3425, 75.2428, 79.1709



93.3583, 98.5484, 102.3804



71.1443, 75.5416, 79.2391



15.1169, 15.9702, 16.3929



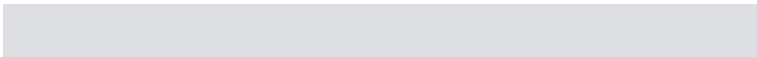
27.4025, 28.2429, 4.0072



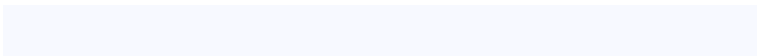
1.9591, 2.0771, 0.2977

Inverse Universe

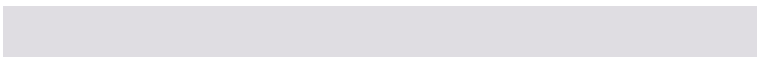
The Inverse Universe completely reimagines the original color for something new.



69.6677, 73.1049, 82.3913



90.3681, 94.7314, 108.1298



69.8626, 72.8138, 82.3249



14.5119, 15.1979, 17.5563



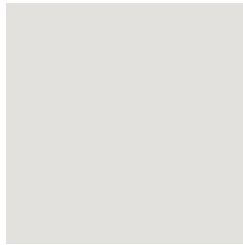
8.4342, 4.3379, 41.4411



0.6476, 0.4267, 2.8935

Previews

White Background



This preview shows how the XYZ color 71.3404, 75.2396, 79.1693 looks on a white background.

Color Contrast Check

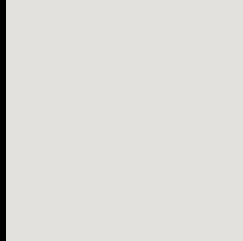
Large Text (above 18pt) WCAG AA × Fail

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 71.3404, 75.2396, 79.1693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

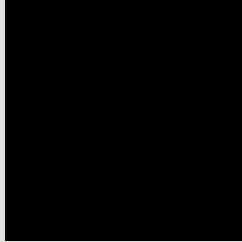
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

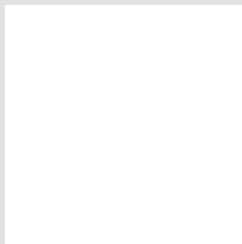
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.3404, 75.2396, 79.1693

Background



This preview shows how black text looks on a background with the XYZ color 71.3404, 75.2396, 79.1693.



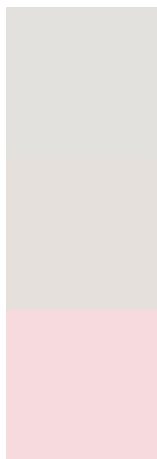
This preview shows how white text looks on a background with the XYZ color 71.3404, 75.2396,

79.1693.

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

71.3404, 75.2396, 79.1693

Protanopia

72.2070, 75.3016, 78.4391

Deuteranopia

76.6140, 75.1909, 79.5825



Tritanopia

74.1626, 75.1918, 93.0428

Trichromacy



Original Color

71.3404, 75.2396, 79.1693

Protanomaly

71.8870, 75.1366, 78.4241

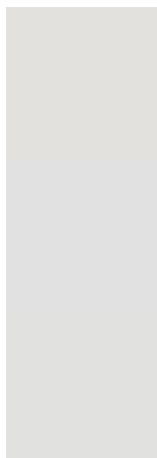
Deuteranomaly

74.6379, 75.3376, 79.7150

Tritanomaly

73.0906, 75.1525, 87.7444

Monochromacy



Original Color

71.3404, 75.2396, 79.1693

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.4311, 75.2398, 81.2789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3404, 75.2396, 79.1693 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(226, 225, 221) looks like.

```
.text, #text, p{  
    color:rgb(226, 225, 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(226, 225, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 225, 221) }
```

Border

The CSS property to change the border of an element to XYZ 71.3404, 75.2396, 79.1693 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(226, 225, 221) }
```


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

```
.border{ border-color:rgb(226, 225, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 225, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 225, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 225, 221);  
box-shadow:4px 4px 4px 4px rgb(226, 225,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3404, 75.2396, 79.1693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 225, 221) }
```

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

```
.background{ background-color: rgb(226,  
225, 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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