

Converting Colors

XYZ(73.2614, 74.3627, 78.3347)

Have a look what the booklet for
XYZ(73.2614, 74.3627, 78.3347)
contains.

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Color

**XYZ(73.1035, 74.1866,
78.1766)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDCDC
RGB	236, 220, 220
RGB Percent	93%, 86%, 86%
CMY	0.0745, 0.1372, 0.1372
CMYK	0.00, 0.07, 0.07, 0.07
HSL	0°, 30%, 89%
HSV	0°, 7%, 93%
XYZ	73.1035, 74.1866, 78.1766
YIQ	224.7840, 9.5360, 3.3920

Conversions

Conversions Part 2

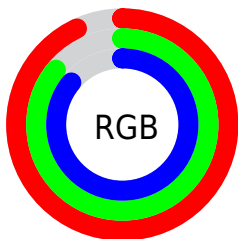
Format	Color
R _Y B	236, 220, 220
Decimal	15523036
CIE Lab	89.01, 5.48, 1.96
CIE LCh	89, 5.820, 19.721
Yxy	74.1866, 0.3242, 0.3290
Android (android.graphics.Color)	4293713116 (0xFFE CDCDC)
YUV	224.7840, -2.3585, 9.8364
Hunter-Lab	86.1316, 0.7700, 6.4781

Details

The XYZ color **73.1035, 74.1866, 78.1766** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.6506, 81.2611, 91.1081**, and the grayscale version is **71.4263, 75.1460, 81.8340**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0691, 39.3302, 41.1296** is the 20% darker color. If you saturate the color by 10%, you get **64.4349, 61.5028, 60.9396**, and if you desaturate by 10%, it is **83.0914, 88.8012, 98.0321**.

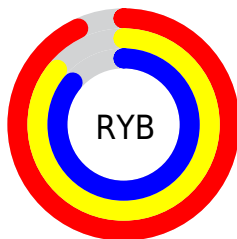
Distribution



Red (93%)

Green (86%)

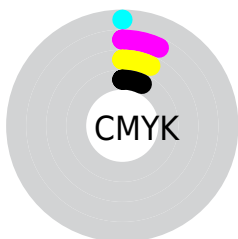
Blue (86%)



Red (93%)

Yellow (86%)

Blue (86%)

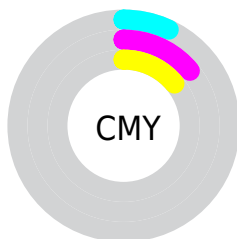


Cyan (0%)

Magenta (7%)

Yellow (7%)

Black (7%)



Cyan (7%)

Magenta (14%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.1035, 74.1866, 78.1766 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 73.1035, 74.1866, 78.1766 by changing the saturation by 10% instead.

73.1035, 74.1866,
78.1766

73.1035, 74.1866,
78.1766

460.4717,
475.1171, 508.3102

54.3493, 54.9468,
57.7018

122.6265,
125.1603, 132.5872

39.1128, 39.3591,
41.1558

154.1259,
157.6629, 167.3600

27.0286, 27.0392,
28.1202

190.6045,
195.3553, 207.7359

17.7314, 17.6027,
18.1765

232.4276,
238.6219, 254.1333

10.8558, 10.6651,
10.9060

279.9605,
287.8469, 306.9710

6.0365, 5.8421,
5.8903

333.5685,

2.9082, 2.7493,

343.4149, 366.6673

2.7108

393.6172,
405.7102, 433.6409

■ 1.1054, 1.0023,
0.9488

■ 0.0296, 0.0000,
0.0000

■ 73.1035, 74.1866,
78.1766

■ 73.1035, 74.1866,
78.1766

■ 64.4349, 61.5028,
60.9396

■ 83.0914, 88.8012,
98.0321

■ 57.0247, 50.6599,
46.2072

■ 88.4024, 96.5730,
108.5889

■ 50.8163, 41.5753,
33.8646

■ 45.7463, 34.1565,
23.7857

■ 41.7457, 28.3023,
15.8333

■ 38.7379, 23.9008,
9.8549

■ 36.6362, 20.8250,
5.6781

■ 35.3391, 18.9264,
3.1008

■ 34.7172, 18.0160,
1.8659

Harmonies

Analogous

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



73.2223, 74.1866, 82.1745



73.1035, 74.1866, 78.1766



72.2852, 74.1866, 74.9787

Triad

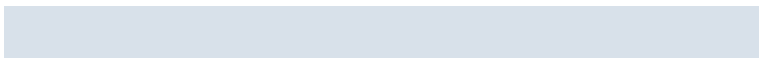
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.1035, 74.1866, 78.1766



68.4575, 74.1866, 75.8447



70.0279, 74.1866, 88.6858

Complementary

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



73.1035, 74.1866, 78.1766



74.6506, 81.2611, 91.1081

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.



68.7684, 74.1866, 86.8660



73.1035, 74.1866, 78.1766



67.8697, 74.1866, 79.3946

Square

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



73.1035, 74.1866, 78.1766



69.5984, 74.1866, 73.6639



67.9827, 74.1866, 83.4336



71.4339, 74.1866, 88.3331

Rectangle

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



73.1035, 74.1866, 78.1766



71.4590, 74.1866, 73.6883



67.9827, 74.1866, 83.4336



69.5737, 74.1866, 88.3055

Sweetspot

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



73.1056, 74.1898, 78.1782



92.6346, 96.4658, 104.0977



75.3265, 75.0764, 89.8787



19.8529, 20.6847, 22.3315



0.0000, 0.0000, 0.0000



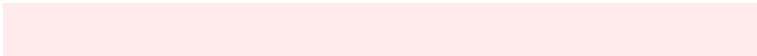
20.3446, 21.4041, 23.3091

Same Dimension

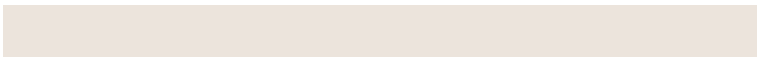
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.1056, 74.1898, 78.1782



85.7731, 86.4260, 90.4558



75.2546, 78.4879, 78.8945



15.0659, 15.0547, 15.6305



19.0683, 9.8308, 0.8925



1.4974, 0.7722, 0.0701

Inverse Universe

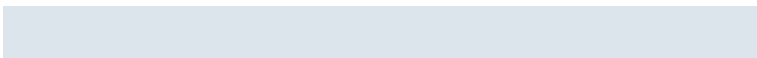
The Inverse Universe completely reimagines the original color for something new.



74.6506, 81.2611, 91.1081



87.9373, 96.3307, 108.5666



72.3999, 76.7596, 90.3578



15.5174, 17.1212, 19.4091



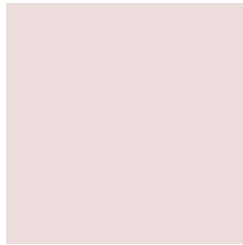
24.8699, 36.3868, 49.4555



1.9530, 2.8575, 3.8835

Previews

White Background



This preview shows how the XYZ color 73.1035, 74.1866, 78.1766 looks on a white background.

Color Contrast Check

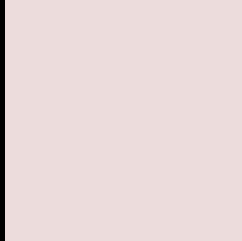
Large Text (above 18pt) WCAG AA × Fail

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 73.1035, 74.1866, 78.1766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

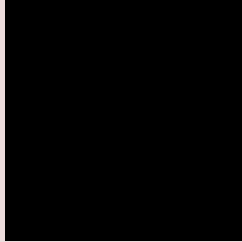
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

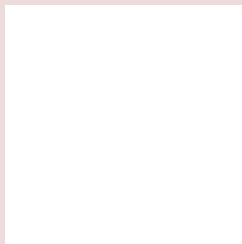
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.1035, 74.1866, 78.1766

Background



This preview shows how black text looks on a background with the XYZ color 73.1035, 74.1866, 78.1766.



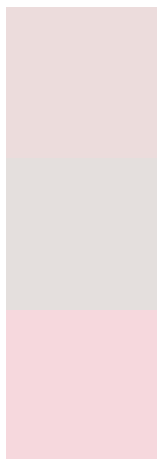
This preview shows how white text looks on a background with the XYZ color 73.1035, 74.1866,

78.1766.

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

73.1035, 74.1866, 78.1766

Protanopia

71.4337, 74.4898, 79.0196

Deuteranopia

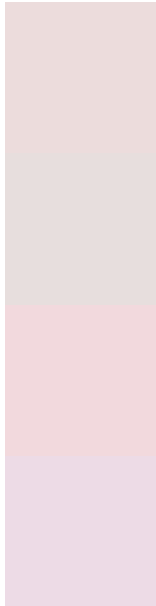
75.6130, 73.9250, 78.6903



Tritanopia

75.3267, 74.3181, 88.9719

Trichromacy



Original Color

73.1035, 74.1866, 78.1766

Protanomaly

72.1274, 74.4519, 78.9758

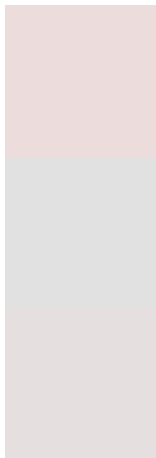
Deuteranomaly

74.4819, 73.7234, 78.7110

Tritanomaly

74.5395, 74.3807, 85.2912

Monochromacy



Original Color

73.1035, 74.1866, 78.1766

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.0201, 74.7611, 80.4465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1035, 74.1866, 78.1766 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(236, 220, 220) looks like.

```
.text, #text, p{  
    color:rgb(236, 220, 220)  
}
```

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(236, 220, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 220, 220) }
```

Border

The CSS property to change the border of an element to XYZ 73.1035, 74.1866, 78.1766 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(236, 220, 220) }
```


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

```
.border{ border-color:rgb(236, 220, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 220, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 220, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 220, 220);  
box-shadow:4px 4px 4px 4px rgb(236, 220,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1035, 74.1866, 78.1766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 220, 220) }
```

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

```
.background{ background-color: rgb(236,  
220, 220) }
```

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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