

Converting Colors

XYZ(73.0657, 74.0407, 78.5896)

Have a look what the booklet for
XYZ(73.0657, 74.0407, 78.5896)
contains.

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Color

**XYZ(73.2364, 74.2397,
78.8763)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDCDD
RGB	236, 220, 221
RGB Percent	93%, 86%, 87%
CMY	0.0745, 0.1372, 0.1333
CMYK	0.00, 0.07, 0.06, 0.07
HSL	356°, 30%, 89%
HSV	356°, 7%, 93%
XYZ	73.2364, 74.2397, 78.8763
YIQ	224.8980, 9.2150, 3.7030

Conversions

Conversions Part 2

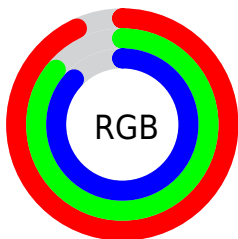
Format	Color
R_{YB}	236, 220, 221
Decimal	15523037
CIE Lab	89.04, 5.65, 1.47
CIE LCh	89, 5.837, 14.630
Yxy	74.2397, 0.3236, 0.3280
Android (android.graphics.Color)	4293713117 (0xFFE CDCDD)
YUV	224.8980, -1.9217, 9.7365
Hunter-Lab	86.1625, 0.9372, 6.0375

Details

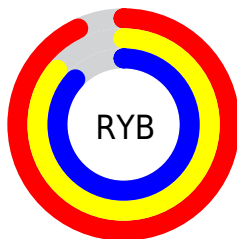
The XYZ color **73.2364, 74.2397, 78.8763** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.5089, 81.2066, 90.3487**, and the grayscale version is **71.5052, 75.2291, 81.9245**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1605, 39.3667, 41.6110** is the 20% darker color. If you saturate the color by 10%, you get **64.7178, 61.6136, 62.4358**, and if you desaturate by 10%, it is **83.0223, 88.7765, 97.6586**.

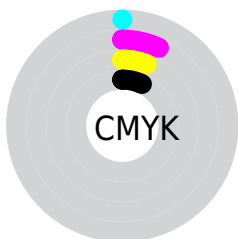
Distribution



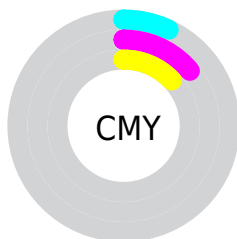
- Red (93%)
- Green (86%)
- Blue (87%)



- Red (93%)
- Yellow (86%)
- Blue (87%)



- Cyan (0%)
- Magenta (7%)
- Yellow (6%)
- Black (7%)





- Cyan (7%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2364, 74.2397, 78.8763 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 73.2364, 74.2397, 78.8763 by changing the saturation by 10% instead.


 73.2364, 74.2397,
78.8763

 73.2364, 74.2397,
78.8763

460.9248,
475.3002, 510.7443

 54.4584, 54.9902,
58.2734


122.8141,
125.2355, 133.5818

 39.2004, 39.3939,
41.6123


154.3444,
157.7507, 168.5215

 27.0970, 27.0663,
28.4746


190.8562,
195.4566, 209.0771

 17.7831, 17.6230,
18.4415

232.7149,
238.7376, 255.6673

 10.8931, 10.6797,
11.0947

280.2857,
287.9780, 308.7106

 6.0618, 5.8519,
6.0156

333.9341,

 2.9237, 2.7552,

343.5623, 368.6255

2.7856

394.0253,
405.8750, 435.8306

■ 1.1135, 1.0053,
0.9862

■ 0.0364, 0.0000,
0.0000

■ 73.2364, 74.2397,
78.8763

■ 73.2364, 74.2397,
78.8763

■ 64.7178, 61.6136,
62.4358

■ 83.0223, 88.7765,
97.6586

■ 57.4087, 50.8096,
48.2407

■ 88.4025, 96.5731,
108.5889

■ 51.2560, 41.7464,
36.1950

■ 46.2006, 34.3331,
26.1938

■ 42.1778, 28.4702,
18.1236

■ 39.1162, 24.0477,
11.8598

■ 36.9353, 20.9413,
7.2630

■ 35.5416, 19.0053,
4.1736

■ 34.8182, 18.0554,
2.4001

Harmonies

Analogous

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



73.2270, 74.2397, 82.9239



73.2364, 74.2397, 78.8763



72.5228, 74.2397, 75.4668

Triad

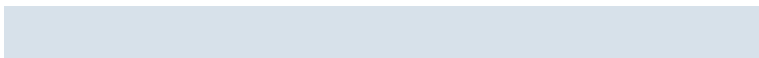
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.2364, 74.2397, 78.8763



68.6626, 74.2397, 75.3985



69.8417, 74.2397, 88.6077

Complementary

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



73.2364, 74.2397, 78.8763



74.5089, 81.2066, 90.3487

Split Complementary

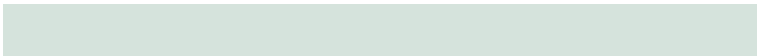
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.6381, 74.2397, 86.4507



73.2364, 74.2397, 78.8763



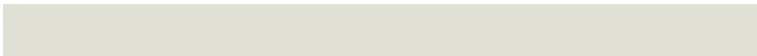
67.9636, 74.2397, 78.7803

Square

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



73.2364, 74.2397, 78.8763



69.8755, 74.2397, 73.5050



67.9547, 74.2397, 82.8247



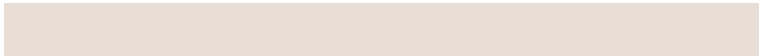
71.2542, 74.2397, 88.6355

Rectangle

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



73.2364, 74.2397, 78.8763



71.7385, 74.2397, 73.9757



67.9547, 74.2397, 82.8247



69.3997, 74.2397, 88.1045

Sweetspot

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



73.2385, 74.2429, 78.8779



92.6840, 96.4849, 104.3599



74.9746, 74.8966, 89.8627



19.8630, 20.6885, 22.3849



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.



73.2385, 74.2429, 78.8779



85.9554, 86.4964, 91.4231



74.9633, 77.9044, 78.8001



15.1035, 15.0693, 15.8303



19.1298, 9.8546, 1.2188



1.5155, 0.7792, 0.1663

Inverse Universe

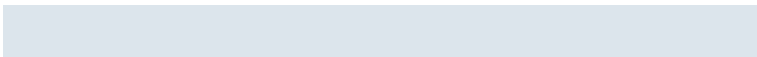
The Inverse Universe completely reimagines the original color for something new.



73.2385, 74.2429, 78.8779



85.9554, 86.4964, 91.4231



72.6960, 77.3500, 90.4564



15.1035, 15.0693, 15.8303



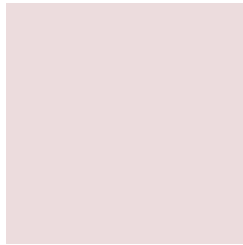
19.1298, 9.8546, 1.2188



1.5155, 0.7792, 0.1663

Previews

White Background



This preview shows how the XYZ color 73.2364, 74.2397, 78.8763 looks on a white background.

Color Contrast Check

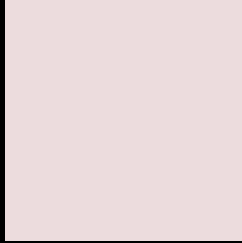
Large Text (above 18pt) WCAG AA × Fail

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 73.2364, 74.2397, 78.8763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

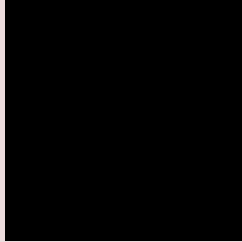
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

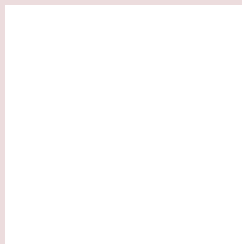
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.2364, 74.2397, 78.8763

Background



This preview shows how black text looks on a background with the XYZ color 73.2364, 74.2397, 78.8763.



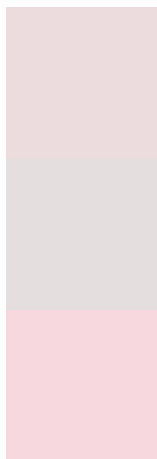
This preview shows how white text looks on a background with the XYZ color 73.2364, 74.2397,

78.8763.

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

73.2364, 74.2397, 78.8763

Protanopia

71.5674, 74.5433, 79.7235

Deuteranopia

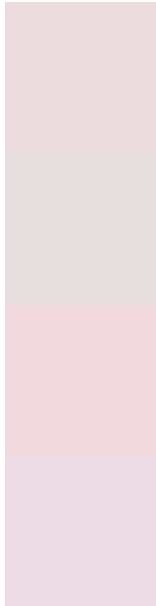
75.7467, 73.9785, 79.3942



Tritanopia

75.3267, 74.3181, 88.9719

Trichromacy



Original Color

73.2364, 74.2397, 78.8763

Protanomaly

72.2611, 74.5054, 79.6797

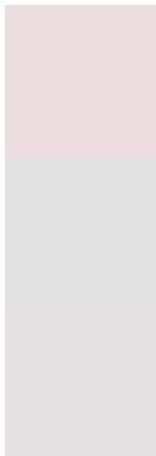
Deuteranomaly

74.6156, 73.7769, 79.4149

Tritanomaly

74.5395, 74.3807, 85.2912

Monochromacy



Original Color

73.2364, 74.2397, 78.8763

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.1553, 74.8152, 81.1588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2364, 74.2397, 78.8763 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, 221) looks like.

```
.text, #text, p{  
    color:rgb(236, 220, 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(236, 220, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 220, 221) }
```

Border

The CSS property to change the border of an element to XYZ 73.2364, 74.2397, 78.8763 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, 221) }
```


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

```
.border{ border-color:rgb(236, 220, 221) }
```

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, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 220, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 220, 221);  
box-shadow:4px 4px 4px 4px rgb(236, 220,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2364, 74.2397, 78.8763 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, 221) }
```

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

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