

Converting Colors

XYZ(74.4577, 75.3416, 80.6576)

Have a look what the booklet for
XYZ(74.4577, 75.3416, 80.6576)
contains.

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Color

**XYZ(74.4356, 75.2178,
80.4073)**

Conversions

Conversions Part 1

Format	Color
Hex	EEDDDF
RGB	238, 221, 223
RGB Percent	93%, 87%, 87%
CMY	0.0667, 0.1333, 0.1255
CMYK	0.00, 0.07, 0.06, 0.07
HSL	353°, 33%, 90%
HSV	353°, 7%, 93%
XYZ	74.4356, 75.2178, 80.4073
YIQ	226.3110, 9.4900, 4.2260

Conversions

Conversions Part 2

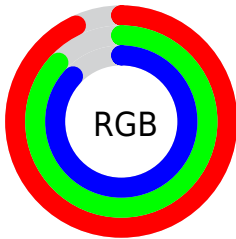
Format	Color
R _Y B	238, 221, 223
Decimal	15654367
CIE Lab	89.49, 6.16, 1.11
CIE LCh	89, 6.256, 10.233
Yxy	75.2178, 0.3235, 0.3269
Android (android.graphics.Color)	4293844447 (0xFFEEDDDF)
YUV	226.3110, -1.6323, 10.2513
Hunter-Lab	86.7282, 1.4256, 5.7409

Details

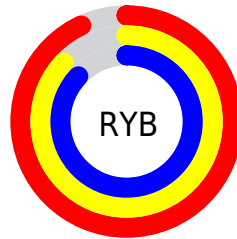
The XYZ color **74.4356, 75.2178, 80.4073** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.5365, 82.5792, 91.3192**, and the grayscale version is **72.5222, 76.2990, 83.0896**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9955, 40.0447, 42.6672** is the 20% darker color. If you saturate the color by 10%, you get **65.9335, 62.4674, 64.4570**, and if you desaturate by 10%, it is **84.1841, 89.8968, 98.5082**.

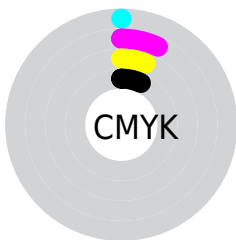
Distribution



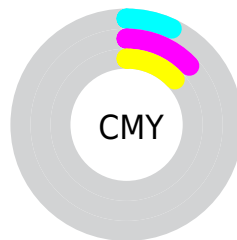
- Red (93%)
- Green (87%)
- Blue (87%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4356, 75.2178, 80.4073 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 74.4356, 75.2178, 80.4073 by changing the saturation by 10% instead.

74.4356, 75.2178,
80.4073

74.4356, 75.2178,
80.4073

465.0025,
478.6658, 516.0473

55.4432, 55.7913,
59.5254

124.5053,
126.6206, 135.7548

39.9919, 40.0357,
42.6134

156.3133,
159.3658, 171.0575

27.7164, 27.5663,
29.2528

193.1238,
197.3193, 212.0042

18.2514, 17.9990,
19.0249

235.3023,
240.8655, 259.0136

11.2314, 10.9493,
11.5113

283.2141,
290.3889, 312.5040

6.2911, 6.0327,
6.2934

337.2244,

3.0652, 2.8650,

346.2738, 372.8941

2.9526

397.6988,
408.9047, 440.6023

■ 1.1884, 1.0617,
1.0705

■ 0.0971, 0.0000,
0.0000

■ 74.4356, 75.2178,
80.4073

■ 74.4356, 75.2178,
80.4073

■ 65.9335, 62.4674,
64.4570

■ 84.1841, 89.8968,
98.5082

■ 58.6213, 51.5561,
50.5727

■ 89.0703, 96.9173,
108.6202

■ 52.4476, 42.4019,
38.6711

■ 47.3550, 34.9128,
28.6614

■ 43.2806, 28.9885,
20.4458

■ 40.1555, 24.5178,
13.9177

■ 37.9016, 21.3748,
8.9590

■ 36.4286, 19.4122,
5.4362

■ 35.6222, 18.4403,
3.1917

Harmonies

Analogous

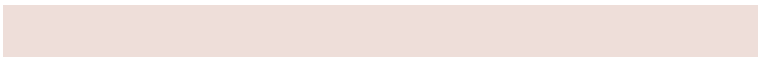
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.3053, 75.2178, 84.7908



74.4356, 75.2178, 80.4073



73.7687, 75.2178, 76.5614

Triad

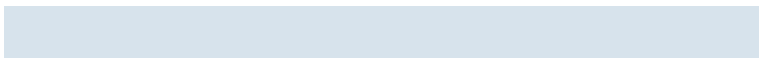
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.4356, 75.2178, 80.4073



69.6033, 75.2178, 75.6157



70.4989, 75.2178, 90.1124

Complementary

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



74.4356, 75.2178, 80.4073



75.5365, 82.5792, 91.3192

Split Complementary

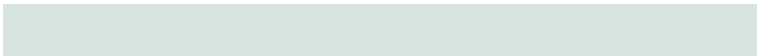
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.2631, 75.2178, 87.4799



74.4356, 75.2178, 80.4073



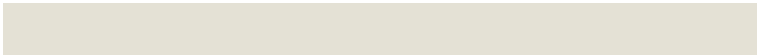
68.7512, 75.2178, 79.0744

Square

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



74.4356, 75.2178, 80.4073



70.9693, 75.2178, 73.8613



68.6276, 75.2178, 83.4098



72.0177, 75.2178, 90.5005

Rectangle

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



74.4356, 75.2178, 80.4073



72.9673, 75.2178, 74.7805



68.6276, 75.2178, 83.4098



70.0372, 75.2178, 89.4563

Sweetspot

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



74.4377, 75.2211, 80.4089



92.7282, 96.5025, 104.5927



75.7949, 75.6766, 91.5020



19.8720, 20.6921, 22.4323



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.



74.4377, 75.2211, 80.4089



85.0692, 84.9848, 90.3243



75.8462, 78.4662, 79.5586



15.8483, 15.7890, 16.7573



19.8121, 10.1973, 1.6610



1.6726, 0.8581, 0.2666

Inverse Universe

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



74.4377, 75.2211, 80.4089



85.0692, 84.9848, 90.3243



74.0451, 79.1297, 92.2607



15.8483, 15.7890, 16.7573



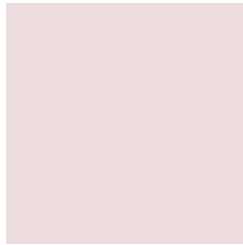
19.8121, 10.1973, 1.6610



1.6726, 0.8581, 0.2666

Previews

White Background



This preview shows how the XYZ color 74.4356, 75.2178, 80.4073 looks on a white background.

Color Contrast Check

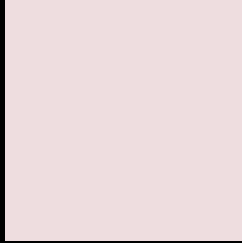
Large Text (above 18pt) WCAG AA × Fail

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 74.4356, 75.2178, 80.4073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

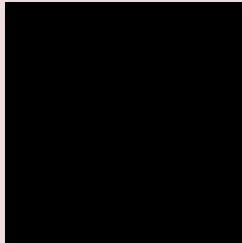
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

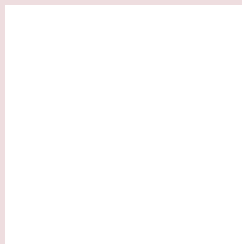
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.4356, 75.2178, 80.4073

Background



This preview shows how black text looks on a background with the XYZ color 74.4356, 75.2178, 80.4073.



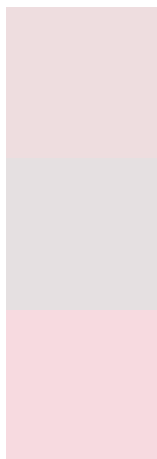
This preview shows how white text looks on a background with the XYZ color 74.4356, 75.2178,

80.4073.

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

74.4356, 75.2178, 80.4073

Protanopia

72.5594, 75.4056, 81.9646

Deuteranopia

76.8837, 75.2988, 81.0029



Tritanopia

76.4070, 75.2444, 89.8534

Trichromacy



Original Color

74.4356, 75.2178, 80.4073

Protanomaly

73.1209, 75.3130, 81.2040

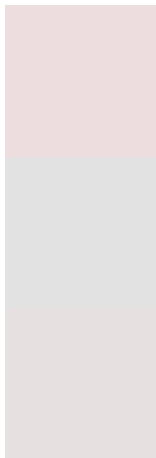
Deuteranomaly

76.0943, 75.2780, 81.0405

Tritanomaly

75.6136, 75.3066, 86.1517

Monochromacy



Original Color

74.4356, 75.2178, 80.4073

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.8794, 75.5705, 81.9796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4356, 75.2178, 80.4073 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, 221, 223) looks like.

```
.text, #text, p{  
    color:rgb(238, 221, 223)  
}
```

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, 221, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 221, 223) }
```

Border

The CSS property to change the border of an element to XYZ 74.4356, 75.2178, 80.4073 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, 221, 223) }
```


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

```
.border{ border-color:rgb(238, 221, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 221, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 221, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 221, 223);  
box-shadow:4px 4px 4px 4px rgb(238, 221,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4356, 75.2178, 80.4073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 221, 223) }
```

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

```
.background{ background-color: rgb(238,  
221, 223) }
```

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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