

Converting Colors

XYZ(73.4684, 75.4489, 76.9140)

Have a look what the booklet for
XYZ(73.4684, 75.4489, 76.9140)
contains.

XYZ(73.6346, 75.6702, 77.0545)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.6346, 75.6702,
77.0545)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDFDA
RGB	236, 223, 218
RGB Percent	93%, 87%, 85%
CMY	0.0745, 0.1255, 0.1451
CMYK	0.00, 0.06, 0.08, 0.07
HSL	17°, 32%, 89%
HSV	17°, 8%, 93%
XYZ	73.6346, 75.6702, 77.0545
YIQ	226.3170, 9.3530, 1.2010

Conversions

Conversions Part 2

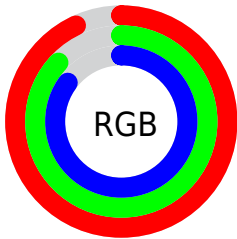
Format	Color
R _Y B	236, 225, 218
Decimal	15523802
CIE Lab	89.71, 3.59, 4.02
CIE LCh	90, 5.391, 48.279
Yxy	75.6702, 0.3253, 0.3343
Android (android.graphics.Color)	4293713882 (0xFFE0C0F0)
YUV	226.3170, -4.1003, 8.4920
Hunter-Lab	86.9886, -1.1324, 8.3730

Details

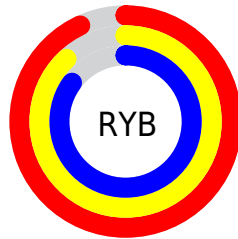
The XYZ color **73.6346, 75.6702, 77.0545** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.6294, 78.1119, 90.6067**, and the grayscale version is **72.5439, 76.3218, 83.1145**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4359, 40.3529, 40.3607** is the 20% darker color. If you saturate the color by 10%, you get **66.4385, 65.8729, 60.4887**, and if you desaturate by 10%, it is **81.7328, 86.5663, 96.0923**.

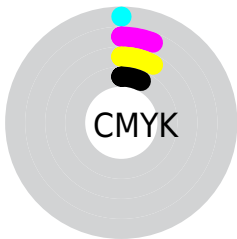
Distribution



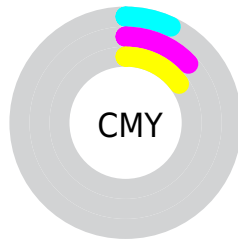
- Red (93%)
- Green (87%)
- Blue (85%)



- Red (93%)
- Yellow (88%)
- Blue (85%)



- Cyan (0%)
- Magenta (6%)
- Yellow (8%)
- Black (7%)



- Cyan (7%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6346, 75.6702, 77.0545 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 73.6346, 75.6702, 77.0545 by changing the saturation by 10% instead.

73.6346, 75.6702,
77.0545

73.6346, 75.6702,
77.0545

462.2811,
480.2180, 504.3924

54.7852, 56.1621,
56.7858

123.3760,
127.2606, 130.9901

39.4630, 40.3329,
40.4251

154.9987,
160.1117, 165.4941

27.3024, 27.7982,
27.5538

191.6099,
198.1793, 205.5803

17.9382, 18.1736,
17.7535

233.5750,
241.8477, 251.6671

11.0051, 11.0747,
10.6055

281.2593,
291.5014, 304.1732

6.1376, 6.1171,
5.6914

335.0282,

2.9704, 2.9164,

347.5248, 363.5171

2.5926

395.2470,
410.3022, 430.1173

■ 1.1381, 1.0883,
0.8887

■ 0.0566, 0.0000,
0.0000

■ 73.6346, 75.6702,
77.0545

■ 73.6346, 75.6702,
77.0545

■ 66.4385, 65.8729,
60.4887

■ 81.7328, 86.5663,
96.0923

■ 60.1063, 57.1301,
46.2881

■ 88.4024, 96.5730,
108.5889

■ 54.6062, 49.4089,
34.3455

■ 49.9018, 42.6712,
24.5431

■ 45.9542, 36.8762,
16.7526

■ 42.7207, 31.9801,
10.8319

■ 40.1540, 27.9355,
6.6199

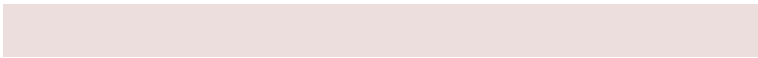
■ 38.2002, 24.6899,
3.9277

■ 36.7918, 22.1828,
2.5034

Harmonies

Analogous

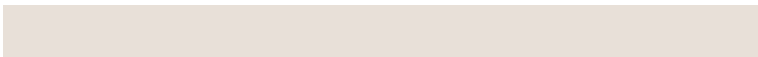
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.3736, 75.6702, 80.1200



73.6346, 75.6702, 77.0545



72.4421, 75.6702, 75.4385

Triad

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



73.6346, 75.6702, 77.0545



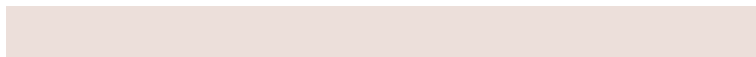
69.4515, 75.6702, 80.9157



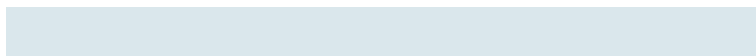
72.7259, 75.6702, 89.5311

Complementary

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



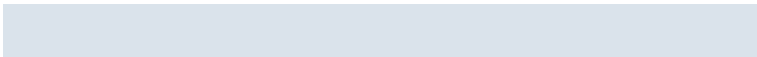
73.6346, 75.6702, 77.0545



72.6294, 78.1119, 90.6067

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.



71.4049, 75.6702, 89.7601



73.6346, 75.6702, 77.0545



69.5253, 75.6702, 84.7065

Square

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



73.6346, 75.6702, 77.0545



70.0336, 75.6702, 77.6215



70.2367, 75.6702, 87.9704



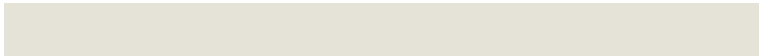
73.8446, 75.6702, 87.3540

Rectangle

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



73.6346, 75.6702, 77.0545



71.5553, 75.6702, 75.3667



70.2367, 75.6702, 87.9704



72.2905, 75.6702, 89.8408

Sweetspot

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



73.6367, 75.6735, 77.0561



93.0762, 97.3490, 104.2449



74.1164, 73.7576, 86.0806



19.9429, 20.8645, 22.3615



0.0000, 0.0000, 0.0000



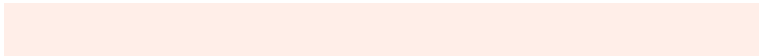
20.3446, 21.4041, 23.3091

Same Dimension

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



73.6367, 75.6735, 77.0561



86.5126, 88.4891, 88.9016



76.0481, 80.4964, 77.8599



15.4063, 15.7357, 15.7440



20.2228, 12.1398, 1.2774



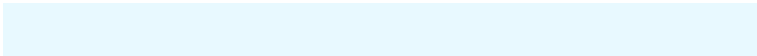
1.6665, 1.1104, 0.1265

Inverse Universe

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



72.6294, 78.1119, 90.6067



85.1031, 91.9005, 107.8609



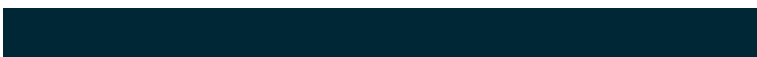
70.2292, 73.3115, 89.8067



15.1431, 16.3727, 19.2844



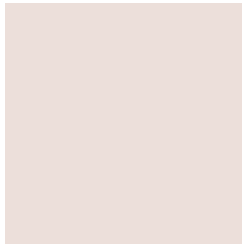
16.4236, 19.4942, 46.6401



1.3698, 1.6911, 3.6891

Previews

White Background



This preview shows how the XYZ color 73.6346, 75.6702, 77.0545 looks on a white background.

Color Contrast Check

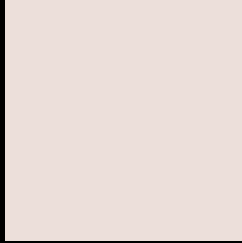
Large Text (above 18pt) WCAG AA × Fail

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 73.6346, 75.6702, 77.0545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

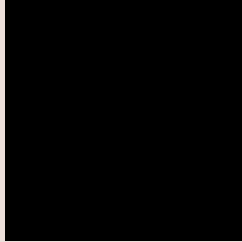
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

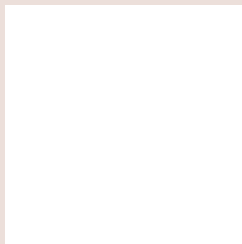
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.6346, 75.6702, 77.0545

Background



This preview shows how black text looks on a background with the XYZ color 73.6346, 75.6702, 77.0545.

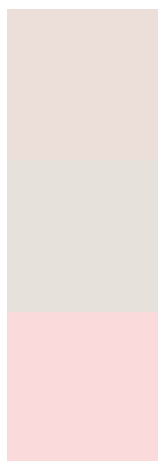


This preview shows how white text looks on a background with the XYZ color 73.6346, 75.6702,

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

73.6346, 75.6702, 77.0545

Protanopia

72.6664, 75.9538, 77.8485

Deuteranopia

77.2819, 75.5813, 77.5333



Tritanopia

76.4759, 75.6515, 90.6923

Trichromacy



Original Color

73.6346, 75.6702, 77.0545

Protanomaly

73.0461, 75.7494, 77.7890

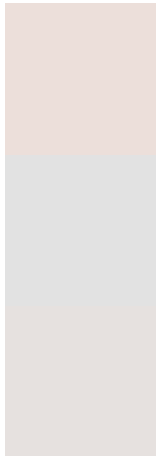
Deuteranomaly

76.0356, 75.7133, 77.6245

Tritanomaly

75.3993, 75.6032, 85.4818

Monochromacy



Original Color

73.6346, 75.6702, 77.0545

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.8776, 76.0011, 80.6407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6346, 75.6702, 77.0545 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, 223, 218) looks like.

```
.text, #text, p{  
    color:rgb(236, 223, 218)  
}
```

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, 223, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 223, 218) }
```

Border

The CSS property to change the border of an element to XYZ 73.6346, 75.6702, 77.0545 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, 223, 218) }
```


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

```
.border{ border-color:rgb(236, 223, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 223, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 223, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 223, 218);  
box-shadow:4px 4px 4px 4px rgb(236, 223,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6346, 75.6702, 77.0545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 223, 218) }
```

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

```
.background{ background-color: rgb(236,  
223, 218) }
```

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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