

Converting Colors

XYZ(76.5490, 76.0631, 91.5360)

Have a look what the booklet for
XYZ(76.5490, 76.0631, 91.5360)
contains.

XYZ(76.5490, 76.0631, 91.5360)	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(76.5490, 76.0631,
91.5360)**

Conversions

Conversions Part 1

Format	Color
Hex	EEDDEE
RGB	238, 221, 238
RGB Percent	93%, 87%, 93%
CMY	0.0667, 0.1333, 0.0667
CMYK	0.00, 0.07, 0.00, 0.07
HSL	300°, 33%, 90%
HSV	300°, 7%, 93%
XYZ	76.5490, 76.0631, 91.5360
YIQ	228.0210, 4.6750, 8.8910

Conversions

Conversions Part 2

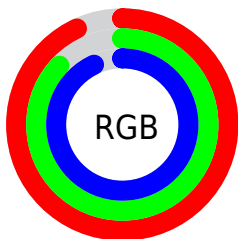
Format	Color
R _Y B	238, 221, 238
Decimal	15654382
CIE Lab	89.89, 8.78, -6.19
CIE LCh	90, 10.744, 324.808
Yxy	76.0631, 0.3135, 0.3115
Android (android.graphics.Color)	4293844462 (0xFFEEDDEE)
YUV	228.0210, 4.9196, 8.7516
Hunter-Lab	87.2142, 4.0470, -1.1782

Details

The XYZ color **76.5490, 76.0631, 91.5360** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.4474, 81.7438, 80.3177**, and the grayscale version is **73.7228, 77.5622, 84.4652**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3711, 40.5949, 49.9111** is the 20% darker color. If you saturate the color by 10%, you get **70.7062, 64.3764, 89.5891**, and if you desaturate by 10%, it is **83.2870, 89.5379, 93.7831**.

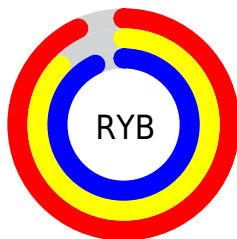
Distribution



Red (93%)

Green (87%)

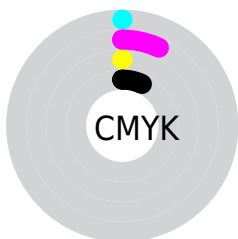
Blue (93%)



Red (93%)

Yellow (87%)

Blue (93%)

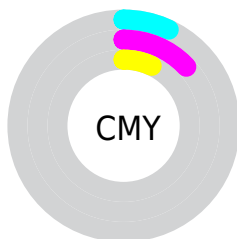


Cyan (0%)

Magenta (7%)

Yellow (0%)

Black (7%)



Cyan (7%)


Magenta (13%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.5490, 76.0631, 91.5360 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 76.5490, 76.0631, 91.5360 by changing the saturation by 10% instead.


 76.5490, 76.0631,
91.5360

 76.5490, 76.0631,
91.5360


472.1405,
481.5637, 553.7133

 57.1814, 56.4843,
68.6744


127.4789,
127.8161, 151.4242

 41.3916, 40.5913,
49.9765


159.7719,
160.7590, 189.2880

 28.8142, 27.9999,
35.0237


197.1041,
198.9255, 232.9896

 19.0839, 18.3256,
23.3974

239.8409,
242.6998, 282.9475

 11.8353, 11.1840,
14.6792

288.3475,
292.4663, 339.5802

 6.7030, 6.1907,
8.4504

342.9895,

 3.3217, 2.9614,

348.6096, 403.3065

4.2926

404.1320,
411.5139, 474.5446

■ 1.3261, 1.1116,
1.7872

■ 0.2026, 0.0000,
0.4195

■ 76.5490, 76.0631,
91.5360

■ 76.5490, 76.0631,
91.5360

■ 70.7062, 64.3764,
89.5891

■ 83.2870, 89.5379,
93.7831

■ 65.7146, 54.3933,
87.9250

■ 86.4534, 95.8706,
94.8388

■ 61.5366, 46.0374,
86.5321

■ 86.4534, 95.8706,
94.8391

■ 58.1290, 39.2223,
85.3960

■ 86.4535, 95.8706,
94.8393

55.4449, 33.8541,
84.5011

86.4535, 95.8707,
94.8396

53.4320, 29.8283,
83.8299

86.4536, 95.8707,
94.8398

52.0310, 27.0266,
83.3627

86.4536, 95.8707,
94.8401

51.1726, 25.3098,
83.0763

86.4537, 95.8707,
94.8403

50.7667, 24.4981,
82.9408

86.4537, 95.8707,
94.8405

Harmonies

Analogous

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



74.4592, 76.0631, 96.8145



76.5490, 76.0631, 91.5360



77.5006, 76.0631, 84.1501

Triad

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



76.5490, 76.0631, 91.5360



72.7587, 76.0631, 69.0942



67.7595, 76.0631, 89.1078

Complementary

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



76.5490, 76.0631, 91.5360



73.4474, 81.7438, 80.3177

Split Complementary

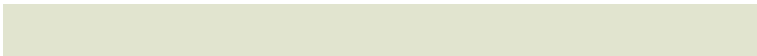
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.3292, 76.0631, 81.5036



76.5490, 76.0631, 91.5360



70.1745, 76.0631, 70.2432

Square

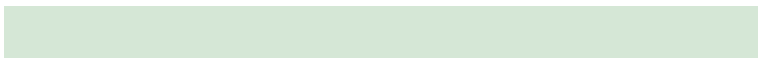
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.5490, 76.0631, 91.5360



75.2783, 76.0631, 71.4355



68.2029, 76.0631, 74.6752



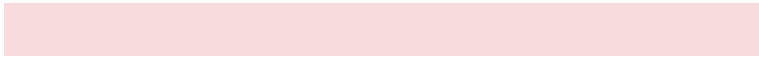
69.3929, 76.0631, 95.3535

Rectangle

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



76.5490, 76.0631, 91.5360



77.3450, 76.0631, 79.1385



68.2029, 76.0631, 74.6752



67.4710, 76.0631, 86.6135

Sweetspot

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



76.5512, 76.0664, 91.5377



93.4445, 96.7891, 108.3648



71.1112, 73.2620, 91.2832



20.0178, 20.7505, 23.2001



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.



76.5512, 76.0664, 91.5377



88.1606, 86.2214, 106.6033



75.3317, 75.5786, 85.1157



16.4543, 16.0314, 19.9487



28.2811, 13.5849, 46.2581



2.3527, 1.1301, 3.8483

Inverse Universe

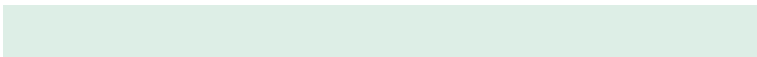
The Inverse Universe completely reimagines the original color for something new.



76.5512, 76.0664, 91.5377



88.1606, 86.2214, 106.6033



74.6088, 82.2084, 86.4334



16.4543, 16.0314, 19.9487



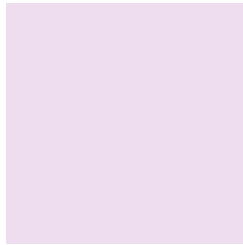
28.2811, 13.5849, 46.2581



2.3527, 1.1301, 3.8483

Previews

White Background



This preview shows how the XYZ color 76.5490, 76.0631, 91.5360 looks on a white background.

Color Contrast Check

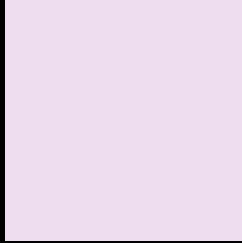
Large Text (above 18pt) WCAG AA × Fail

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 76.5490, 76.0631, 91.5360 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 76.5490, 76.0631, 91.5360

Background



This preview shows how black text looks on a background with the XYZ color 76.5490, 76.0631, 91.5360.



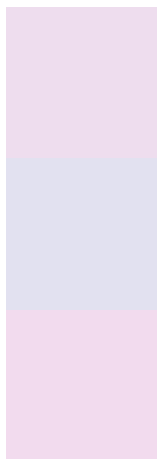
This preview shows how white text looks on a background with the XYZ color 76.5490, 76.0631,

91.5360.

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

76.5490, 76.0631, 91.5360

Protanopia

74.0174, 76.3104, 93.2663

Deuteranopia

77.3821, 75.7133, 91.4246



Tritanopia

76.5490, 76.0631, 91.5360

Trichromacy



Original Color

76.5490, 76.0631, 91.5360

Protanomaly

74.8688, 76.3663, 92.4555

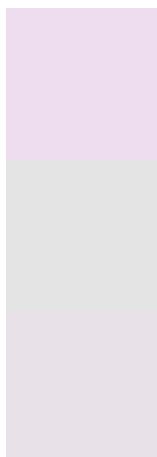
Deuteranomaly

77.3014, 76.0602, 91.4958

Tritanomaly

76.5490, 76.0631, 91.5360

Monochromacy



Original Color

76.5490, 76.0631, 91.5360

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.7694, 76.8324, 87.2333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5490, 76.0631, 91.5360 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, 238)` looks like.

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

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, 238) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 76.5490, 76.0631, 91.5360 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, 238) }
```


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

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

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, 238) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 76.5490, 76.0631, 91.5360 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, 238) }
```

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor