

Converting Colors

XYZ(75.9969, 76.0212, 92.8407)

Have a look what the booklet for
XYZ(75.9969, 76.0212, 92.8407)
contains.

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Color

**XYZ(76.1104, 76.1960,
93.1339)**

Conversions

Conversions Part 1

Format	Color
Hex	EBDEF0
RGB	235, 222, 240
RGB Percent	92%, 87%, 94%
CMY	0.0784, 0.1294, 0.0588
CMYK	0.02, 0.07, 0.00, 0.06
HSL	283°, 37%, 91%
HSV	283°, 7%, 94%
XYZ	76.1104, 76.1960, 93.1339
YIQ	227.9390, 1.9700, 8.3540

Conversions

Conversions Part 2

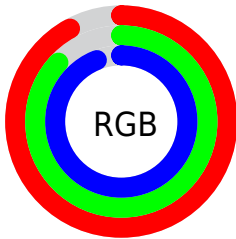
Format	Color
R _Y B	235, 222, 240
Decimal	15458032
CIE Lab	89.95, 7.62, -7.18
CIE LCh	90, 10.472, 316.729
Yxy	76.1960, 0.3101, 0.3104
Android (android.graphics.Color)	4293648112 (0xFFEBDEF0)
YUV	227.9390, 5.9461, 6.1925
Hunter-Lab	87.2903, 2.8801, -2.1559

Details

The XYZ color **76.1104, 76.1960, 93.1339** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.0263, 83.9270, 81.3036**, and the grayscale version is **73.6570, 77.4929, 84.3898**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0609, 40.6818, 51.0356** is the 20% darker color. If you saturate the color by 10%, you get **68.0246, 63.2306, 91.0586**, and if you desaturate by 10%, it is **85.1905, 91.0251, 95.5188**.

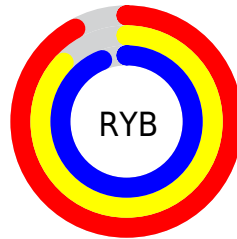
Distribution



Red (92%)

Green (87%)

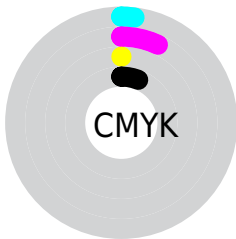
Blue (94%)



Red (92%)

Yellow (87%)

Blue (94%)

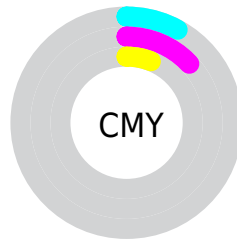


Cyan (2%)

Magenta (7%)

Yellow (0%)

Black (6%)



Cyan (8%)

Magenta (13%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.1104, 76.1960, 93.1339 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 76.1104, 76.1960, 93.1339 by changing the saturation by 10% instead.

76.1104, 76.1960,
93.1339

76.1104, 76.1960,
93.1339

470.6641,
482.0184, 559.0044

56.8204, 56.5932,
69.9945

126.8625,
128.0039, 153.6573

41.1006, 40.6788,
51.0453

159.0553,
160.9779, 191.8784

28.5858, 28.0682,
35.8677

196.2797,
199.1777, 235.9638

18.9104, 18.3770,
24.0431

238.9012,
242.9878, 286.3320

11.7092, 11.2210,
15.1531

287.2850,
292.7925, 343.4017

6.6167, 6.2157,
8.7791

341.7965,

3.2678, 2.9767,

348.9762, 407.5913

4.5025

402.8011,
411.9234, 479.3194

■ 1.2969, 1.1196,
1.9049

■ 0.1809, 0.0000,
0.4958

■ 76.1104, 76.1960,
93.1339

■ 76.1104, 76.1960,
93.1339

■ 68.0246, 63.2306,
91.0586

■ 85.1905, 91.0251,
95.5188

■ 60.8874, 52.0423,
89.2753

■ 90.3196, 97.8296,
96.5618

■ 54.6593, 42.5524,
87.7718

■ 92.7284, 99.0714,
96.6746

■ 49.2952, 34.6721,
86.5334

■ 44.7460, 28.3045,
85.5441

■ 40.9573, 23.3421,
84.7860

■ 37.8673, 19.6629,
84.2387

■ 35.4036, 17.1236,
83.8784

■ 33.4706, 15.5345,
83.6736

Harmonies

Analogous

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



73.8655, 76.1960, 97.3926



76.1104, 76.1960, 93.1339



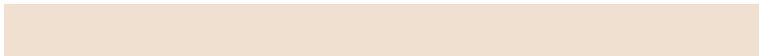
77.3800, 76.1960, 86.2832

Triad

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



76.1104, 76.1960, 93.1339



73.5717, 76.1960, 69.8379



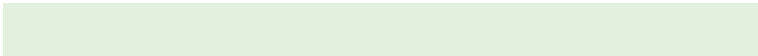
67.7549, 76.1960, 87.1396

Complementary

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



76.1104, 76.1960, 93.1339



76.0263, 83.9270, 81.3036

Split Complementary

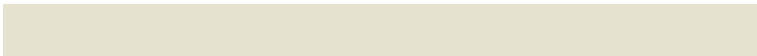
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.6805, 76.1960, 79.7320



76.1104, 76.1960, 93.1339



70.9974, 76.1960, 70.0367

Square

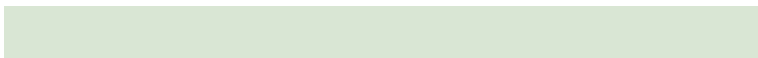
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.1104, 76.1960, 93.1339



75.8909, 76.1960, 73.0032



68.8548, 76.1960, 73.5637



69.0605, 76.1960, 93.7930

Rectangle

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



76.1104, 76.1960, 93.1339



77.4832, 76.1960, 81.3039



68.8548, 76.1960, 73.5637



67.5861, 76.1960, 84.6476

Sweetspot

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



76.1126, 76.1993, 93.1356



92.9252, 96.5213, 108.3405



73.3519, 76.8171, 93.4003



19.9121, 20.6960, 23.1952



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.



76.1126, 76.1993, 93.1356



85.8537, 85.0321, 106.4956



77.2136, 76.8331, 90.1955



16.0012, 15.7979, 19.9275



18.2182, 8.3972, 45.7885



1.6114, 0.7480, 3.8137

Inverse Universe

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



75.9243, 76.3173, 83.4059



85.6060, 85.1995, 93.1508



75.0008, 83.3372, 84.0156



15.9533, 15.8310, 17.3101



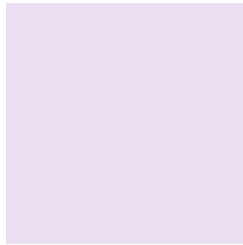
20.2692, 10.3801, 4.0683



1.7269, 0.8798, 0.5530

Previews

White Background



This preview shows how the XYZ color 76.1104, 76.1960, 93.1339 looks on a white background.

Color Contrast Check

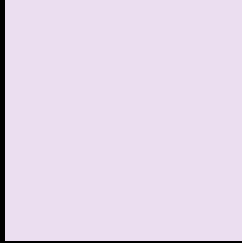
Large Text (above 18pt) WCAG AA × Fail

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 76.1104, 76.1960, 93.1339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

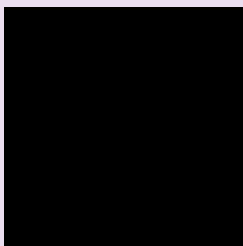
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

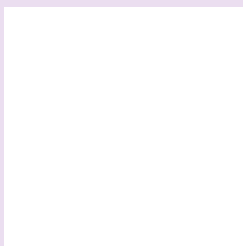
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.1104, 76.1960, 93.1339

Background



This preview shows how black text looks on a background with the XYZ color 76.1104, 76.1960, 93.1339.



This preview shows how white text looks on a background with the XYZ color 76.1104, 76.1960,

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

76.1104, 76.1960, 93.1339

Protanopia

74.3163, 76.4300, 94.8400

Deuteranopia

77.9393, 76.3549, 93.0682



Tritanopia

76.1104, 76.1960, 93.1339

Trichromacy



Original Color

76.1104, 76.1960, 93.1339

Protanomaly

74.8459, 76.3202, 94.0056

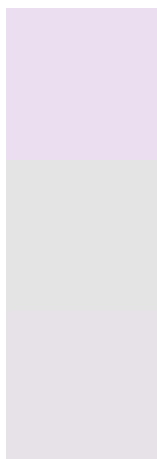
Deuteranomaly

77.1812, 76.3549, 93.1082

Tritanomaly

76.1104, 76.1960, 93.1339

Monochromacy



Original Color

76.1104, 76.1960, 93.1339

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.7168, 77.2078, 87.3085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1104, 76.1960, 93.1339 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(235, 222, 240)` looks like.

```
.text, #text, p{  
    color:rgb(235, 222, 240)  
}
```

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(235, 222, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 222, 240) }
```

Border

The CSS property to change the border of an element to XYZ 76.1104, 76.1960, 93.1339 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(235, 222, 240) }
```


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

```
.border{ border-color:rgb(235, 222, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 222, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 222, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 222, 240);  
box-shadow:4px 4px 4px 4px rgb(235, 222,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1104, 76.1960, 93.1339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 222, 240) }
```

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

```
.background{ background-color: rgb(235,  
222, 240) }
```

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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