

Converting Colors

XYZ(76.2948, 75.3904, 92.2241)

Have a look what the booklet for
XYZ(76.2948, 75.3904, 92.2241)
contains.

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Color

**XYZ(76.4331, 75.5955,
92.2243)**

Conversions

Conversions Part 1

Format	Color
Hex	EEDCEF
RGB	238, 220, 239
RGB Percent	93%, 86%, 94%
CMY	0.0667, 0.1372, 0.0627
CMYK	0.00, 0.08, 0.00, 0.06
HSL	297°, 37%, 90%
HSV	297°, 8%, 94%
XYZ	76.4331, 75.5955, 92.2243
YIQ	227.5480, 4.6290, 9.7250

Conversions

Conversions Part 2

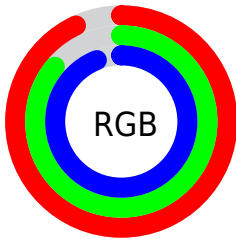
Format	Color
R _Y B	238, 220, 239
Decimal	15654127
CIE Lab	89.67, 9.48, -7.04
CIE LCh	90, 11.810, 323.414
Yxy	75.5955, 0.3129, 0.3095
Android (android.graphics.Color)	4293844207 (0xFFEEDCEF)
YUV	227.5480, 5.6458, 9.1664
Hunter-Lab	86.9457, 4.7627, -2.0276

Details

The XYZ color **76.4331, 75.5955, 92.2243** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.6063, 82.2744, 79.7150**, and the grayscale version is **73.3723, 77.1934, 84.0636**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2938, 40.2742, 50.3970** is the 20% darker color. If you saturate the color by 10%, you get **70.1835, 63.7199, 90.2626**, and if you desaturate by 10%, it is **83.5868, 89.2726, 94.4883**.

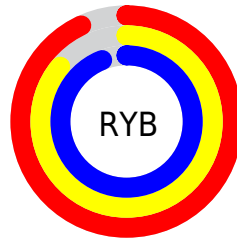
Distribution



Red (93%)

Green (86%)

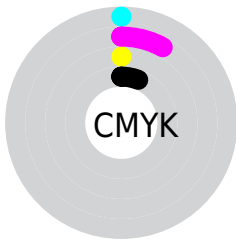
Blue (94%)



Red (93%)

Yellow (86%)

Blue (94%)

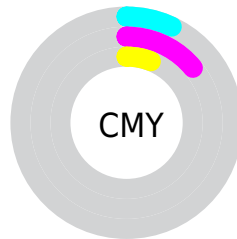


Cyan (0%)

Magenta (8%)

Yellow (0%)

Black (6%)



Cyan (7%)

Magenta (14%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.4331, 75.5955, 92.2243 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 76.4331, 75.5955, 92.2243 by changing the saturation by 10% instead.

76.4331, 75.5955,
92.2243

76.4331, 75.5955,
92.2243

471.7506,
479.9619, 555.9959

57.0860, 56.1009,
69.2429

127.3160,
127.1550, 152.3866

41.3147, 40.2838,
50.4365

159.5826,
159.9886, 190.4046

28.7538, 27.7599,
35.3868

196.8863,
198.0374, 234.2718

19.0380, 18.1447,
23.6750

239.5927,
241.6856, 284.4069

11.8019, 11.0540,
14.8828

288.0669,
291.3178, 341.2283

6.6802, 6.1031,
8.5914

342.6744,

3.3074, 2.9079,

347.3184, 405.1545

4.3825

403.7805,
410.0716, 476.6042

■ 1.3184, 1.0838,
1.8374

■ 0.1969, 0.0000,
0.4525

■ 76.4331, 75.5955,
92.2243

■ 76.4331, 75.5955,
92.2243

■ 70.1835, 63.7199,
90.2626

■ 83.5868, 89.2726,
94.4883

■ 64.7935, 53.5603,
88.5857

■ 87.4513, 96.3680,
95.6542

■ 60.2247, 45.0388,
87.1817

■ 87.8811, 96.5896,
95.6743

■ 56.4333, 38.0677,
86.0359

■ 88.3138, 96.8127,
95.6946

53.3714, 32.5513,
85.1325

88.7495, 97.0373,
95.7150

50.9857, 28.3830,
84.4537

89.1882, 97.2634,
95.7355

49.2158, 25.4418,
83.9793

89.6298, 97.4911,
95.7562

47.9903, 23.5852,
83.6855

90.0745, 97.7203,
95.7770

47.2115, 22.6176,
83.5398

90.5221, 97.9511,
95.7979

Harmonies

Analogous

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



74.0951, 75.5955, 97.8902



76.4331, 75.5955, 92.2243



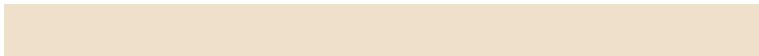
77.5476, 75.5955, 84.1602

Triad

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



76.4331, 75.5955, 92.2243



72.4942, 75.5955, 67.4117



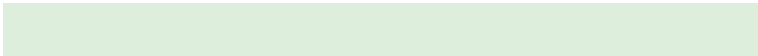
66.8435, 75.5955, 88.8364

Complementary

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



76.4331, 75.5955, 92.2243



73.6063, 82.2744, 79.7150

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.



66.4409, 75.5955, 80.4884



76.4331, 75.5955, 92.2243



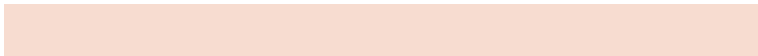
69.6531, 75.5955, 68.4786

Square

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



76.4331, 75.5955, 92.2243



75.2342, 75.5955, 70.1154



67.4563, 75.5955, 73.1342



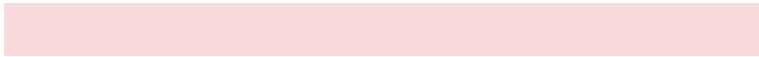
68.5713, 75.5955, 95.8438

Rectangle

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



76.4331, 75.5955, 92.2243



77.4260, 75.5955, 78.6529



67.4563, 75.5955, 73.1342



66.5507, 75.5955, 86.0800

Sweetspot

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



76.4353, 75.5988, 92.2259



93.3459, 96.7382, 108.3602



71.0253, 73.3051, 92.0684



19.9977, 20.7401, 23.1992



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.



76.4353, 75.5988, 92.2259



86.9558, 84.5421, 106.3429



75.5830, 75.2967, 85.9811



16.3673, 15.9866, 19.9447



26.0514, 12.4354, 46.1551



2.1922, 1.0474, 3.8408

Inverse Universe

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



74.2436, 74.7609, 78.9275



83.7994, 83.3363, 87.1532



74.4203, 82.5650, 85.5857



15.8065, 15.7723, 16.5374



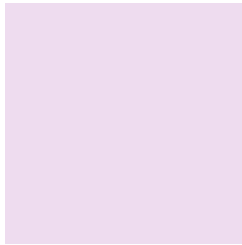
19.7244, 10.1622, 1.1994



1.6527, 0.8501, 0.1618

Previews

White Background



This preview shows how the XYZ color 76.4331, 75.5955, 92.2243 looks on a white background.

Color Contrast Check

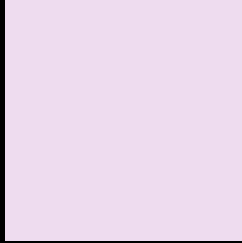
Large Text (above 18pt) WCAG AA × Fail

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 76.4331, 75.5955, 92.2243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

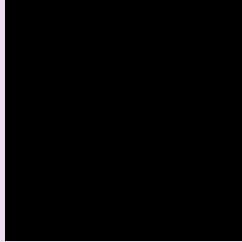
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.4331, 75.5955, 92.2243

Background



This preview shows how black text looks on a background with the XYZ color 76.4331, 75.5955, 92.2243.



This preview shows how white text looks on a background with the XYZ color 76.4331, 75.5955,

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

76.4331, 75.5955, 92.2243

Protanopia

73.5842, 75.6697, 93.9465

Deuteranopia

77.1871, 75.5958, 92.1846



Tritanopia

76.2857, 75.5366, 91.4482

Trichromacy



Original Color

76.4331, 75.5955, 92.2243

Protanomaly

74.7490, 75.8896, 93.1465

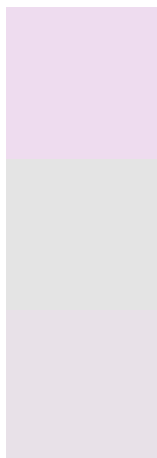
Deuteranomaly

76.8467, 75.4203, 92.1687

Tritanomaly

76.2857, 75.5366, 91.4482

Monochromacy



Original Color

76.4331, 75.5955, 92.2243

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 76.4331, 75.5955, 92.2243 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, 220, 239)` looks like.

```
.text, #text, p{  
    color:rgb(238, 220, 239)  
}
```

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, 220, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 220, 239) }
```

Border

The CSS property to change the border of an element to XYZ 76.4331, 75.5955, 92.2243 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, 220, 239) }
```


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

```
.border{ border-color:rgb(238, 220, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 220, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 220, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 220, 239);  
box-shadow:4px 4px 4px 4px rgb(238, 220,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4331, 75.5955, 92.2243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 220, 239) }
```

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

```
.background{ background-color: rgb(238,  
220, 239) }
```

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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