

Converting Colors

XYZ(77.4094, 75.7949, 92.7359)

Have a look what the booklet for
XYZ(77.4094, 75.7949, 92.7359)
contains.

XYZ(77.3353, 75.6551, 92.9650)	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(77.3353, 75.6551,
92.9650)**

Conversions

Conversions Part 1

Format	Color
Hex	F1DBF0
RGB	241, 219, 240
RGB Percent	95%, 86%, 94%
CMY	0.0549, 0.1412, 0.0588
CMYK	0.00, 0.09, 0.00, 0.05
HSL	303°, 44%, 90%
HSV	303°, 9%, 95%
XYZ	77.3353, 75.6551, 92.9650
YIQ	227.9720, 6.3710, 11.1950

Conversions

Conversions Part 2

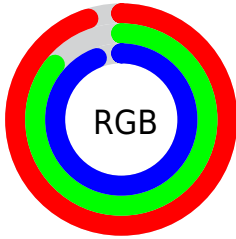
Format	Color
R _Y B	241, 219, 240
Decimal	15850480
CIE Lab	89.70, 11.19, -7.50
CIE LCh	90, 13.465, 326.170
Yxy	75.6551, 0.3144, 0.3076
Android (android.graphics.Color)	4294040560 (0xFFF1DBF0)
YUV	227.9720, 5.9298, 11.4256
Hunter-Lab	86.9799, 6.4924, -2.4838

Details

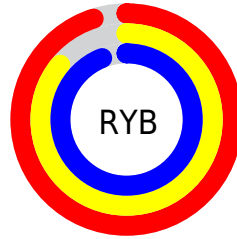
The XYZ color **77.3353, 75.6551, 92.9650** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.5898, 83.1400, 79.8830**, and the grayscale version is **73.6790, 77.5160, 84.4149**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9348, 40.3259, 50.9209** is the 20% darker color. If you saturate the color by 10%, you get **71.3361, 63.9153, 90.1656**, and if you desaturate by 10%, it is **84.2501, 89.2222, 96.0763**.

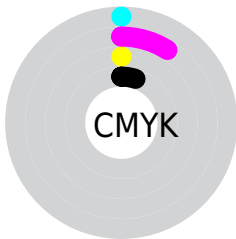
Distribution



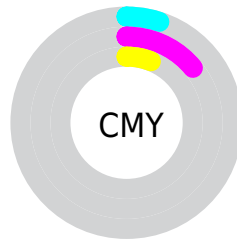
- Red (95%)
- Green (86%)
- Blue (94%)



- Red (95%)
- Yellow (86%)
- Blue (94%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)



- Cyan (5%)
- Magenta (14%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.3353, 75.6551, 92.9650 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 77.3353, 75.6551, 92.9650 by changing the saturation by 10% instead.

77.3353, 75.6551,
92.9650

77.3353, 75.6551,
92.9650

474.7809,
480.1662, 558.4465

57.8290, 56.1497,
69.8549

128.5830,
127.2393, 153.4214

41.9139, 40.3230,
50.9322

161.0551,
160.0868, 191.6049

29.2247, 27.7905,
35.7783

198.5799,
198.1506, 235.6498

19.3960, 18.1678,
23.9747

241.5227,
241.8150, 285.9749

12.0625, 11.0705,
15.1028

290.2488,
291.4643, 342.9985

6.8587, 6.1143,
8.7441

345.1236,

3.4195, 2.9147,

347.4831, 407.1393

4.4802

406.5126,
410.2556, 478.8158

■ 1.3793, 1.0874,
1.8923

■ 0.2414, 0.0000,
0.4878

■ 77.3353, 75.6551,
92.9650

■ 77.3353, 75.6551,
92.9650

■ 71.3361, 63.9153,
90.1656

■ 84.2501, 89.2222,
96.0763

■ 66.2070, 53.9153,
87.6601

■ 88.0921, 96.6434,
98.1673

■ 61.9085, 45.5747,
85.4363

■ 88.2573, 96.7095,
99.0376

■ 58.3952, 38.8032,
83.4791

■ 88.4236, 96.7760,
99.9130

■ 55.6178, 33.5018,
81.7720

■ 88.5908, 96.8429,
100.7937

■ 53.5212, 29.5605,
80.2966

■ 88.7591, 96.9102,
101.6796

■ 52.0425, 26.8535,
79.0320

■ 88.9283, 96.9779,
102.5708

■ 51.1073, 25.2318,
77.9534

■ 89.0985, 97.0460,
103.4672

■ 50.6017, 24.4678,
77.0227

■ 89.2697, 97.1145,
104.3688

Harmonies

Analogous

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



74.7567, 75.6551, 99.8740



77.3353, 75.6551, 92.9650



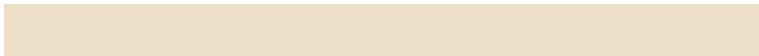
78.4588, 75.6551, 83.6011

Triad

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



77.3353, 75.6551, 92.9650



72.3346, 75.6551, 65.4668



66.3362, 75.6551, 90.6941

Complementary

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



77.3353, 75.6551, 92.9650



73.5898, 83.1400, 79.8830

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.



65.7322, 75.6551, 81.1620



77.3353, 75.6551, 92.9650



69.1324, 75.6551, 67.0505

Square

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



77.3353, 75.6551, 92.9650



75.5161, 75.6551, 68.1193



66.7406, 75.6551, 72.6224



68.4165, 75.6551, 98.4938

Rectangle

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



77.3353, 75.6551, 92.9650



78.2069, 75.6551, 77.3942



66.7406, 75.6551, 72.6224



65.9566, 75.6551, 87.5661

Sweetspot

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



77.3375, 75.6584, 92.9666



92.6020, 95.1934, 107.8080



70.6466, 72.1919, 93.4311



19.6841, 20.1073, 23.0141



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.



77.3375, 75.6584, 92.9666



86.5408, 83.3090, 105.0541



75.7897, 75.0393, 84.8163



16.4214, 16.0183, 19.7753



27.4343, 13.2461, 41.7990



2.2918, 1.1058, 3.5275

Inverse Universe

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



77.3375, 75.6584, 92.9666



86.5408, 83.3090, 105.0541



75.0575, 83.7270, 87.6115



16.4214, 16.0183, 19.7753



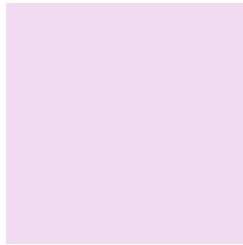
27.4343, 13.2461, 41.7990



2.2918, 1.1058, 3.5275

Previews

White Background



This preview shows how the XYZ color 77.3353, 75.6551, 92.9650 looks on a white background.

Color Contrast Check

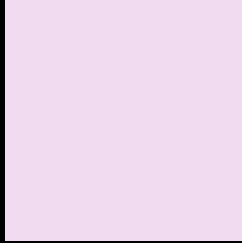
Large Text (above 18pt) WCAG AA × Fail

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 77.3353, 75.6551, 92.9650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

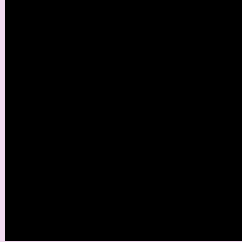
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.3353, 75.6551, 92.9650

Background



This preview shows how black text looks on a background with the XYZ color 77.3353, 75.6551, 92.9650.



This preview shows how white text looks on a background with the XYZ color 77.3353, 75.6551,

92.9650.

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

77.3353, 75.6551, 92.9650

Protanopia

73.5738, 75.6297, 95.5143

Deuteranopia

77.3353, 75.6551, 92.9650



Tritanopia

77.1549, 76.0016, 90.7240

Trichromacy



Original Color

77.3353, 75.6551, 92.9650

Protanomaly

74.7814, 75.4764, 94.6314

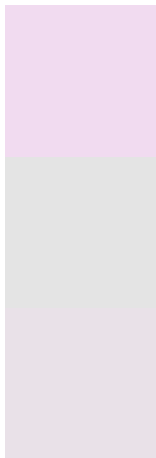
Deuteranomaly

77.3353, 75.6551, 92.9650

Tritanomaly

77.3014, 76.0602, 91.4958

Monochromacy



Original Color

77.3353, 75.6551, 92.9650

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

75.0950, 77.0003, 87.2485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3353, 75.6551, 92.9650 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(241, 219, 240)` looks like.

```
.text, #text, p{  
    color:rgb(241, 219, 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(241, 219, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 219, 240) }
```

Border

The CSS property to change the border of an element to XYZ 77.3353, 75.6551, 92.9650 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(241, 219, 240) }
```


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

```
.border{ border-color:rgb(241, 219, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 219, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 219, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 219, 240);  
box-shadow:4px 4px 4px 4px rgb(241, 219,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3353, 75.6551, 92.9650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 219, 240) }
```

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

```
.background{ background-color: rgb(241,  
219, 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](#).

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