

Converting Colors

XYZ(77.2673, 77.1346, 77.8349)

Have a look what the booklet for
XYZ(77.2673, 77.1346, 77.8349)
contains.

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Color

**XYZ(77.2652, 77.1312,
77.8333)**

Conversions

Conversions Part 1

Format	Color
Hex	F7DEDB
RGB	247, 222, 219
RGB Percent	97%, 87%, 86%
CMY	0.0314, 0.1294, 0.1412
CMYK	0.00, 0.10, 0.11, 0.03
HSL	6°, 64%, 91%
HSV	6°, 11%, 97%
XYZ	77.2652, 77.1312, 77.8333
YIQ	229.1330, 15.8630, 4.3670

Conversions

Conversions Part 2

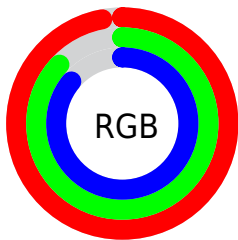
Format	Color
R _Y B	247, 222, 219
Decimal	16244443
CIE Lab	90.38, 8.10, 4.59
CIE LCh	90, 9.311, 29.541
Yxy	77.1312, 0.3327, 0.3321
Android (android.graphics.Color)	4294434523 (0xFFFF7DEDB)
YUV	229.1330, -4.9956, 15.6694
Hunter-Lab	87.8244, 3.3462, 8.9320

Details

The XYZ color **77.2652, 77.1312, 77.8333** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.3521, 86.4750, 100.5581**, and the grayscale version is **74.6033, 78.4885, 85.4739**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7548, 41.2649, 40.8862** is the 20% darker color. If you saturate the color by 10%, you get **68.7738, 64.9713, 60.1326**, and if you desaturate by 10%, it is **87.0094, 91.0227, 98.3339**.

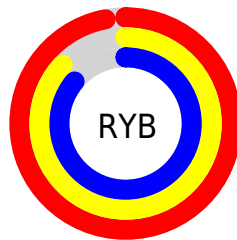
Distribution



Red (97%)

Green (87%)

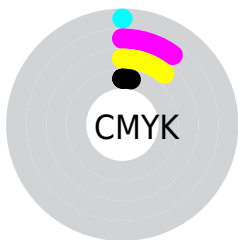
Blue (86%)



Red (97%)

Yellow (87%)

Blue (86%)

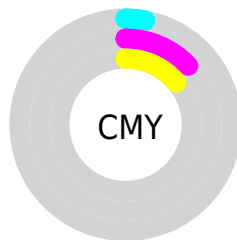


Cyan (0%)

Magenta (10%)

Yellow (11%)

Black (3%)



Cyan (3%)


Magenta (13%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.2652, 77.1312, 77.8333 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 77.2652, 77.1312, 77.8333 by changing the saturation by 10% instead.


 77.2652, 77.1312,
77.8333

 77.2652, 77.1312,
77.8333


474.5458,
485.2112, 507.1134

 57.7712, 57.3606,
57.4214


128.4846,
129.3247, 132.0988

 41.8673, 41.2948,
40.9321


160.9408,
162.5163, 166.7896

 29.1881, 28.5495,
27.9467


198.4484,
200.9504, 207.0770

 19.3681, 18.7403,
18.0468

241.3729,
245.0113, 253.3796

 12.0422, 11.4828,
10.8138

290.0795,
295.0834, 306.1161

 6.8448, 6.3925,
5.8292

344.9336,

 3.4107, 3.0852,

351.5512, 365.7048

2.6744

406.3006,
414.7990, 432.5644

■ 1.3745, 1.1764,
0.9305

■ 0.2379, 0.0423,
0.0000

■ 77.2652, 77.1312,
77.8333

■ 77.2652, 77.1312,
77.8333

■ 68.7738, 64.9713,
60.1326

■ 87.0094, 91.0227,
98.3339

■ 61.4780, 54.4652,
45.1054

■ 92.1681, 98.5143,
108.7651

■ 55.3258, 45.5446,
32.6232

■ 50.2590, 38.1323,
22.5447

■ 46.2140, 32.1446,
14.7151

■ 43.1206, 27.4899,
8.9612

■ 40.8997, 24.0654,
5.0846

■ 39.4590, 21.7535,
2.8482

■ 38.7387, 20.5356,
1.9220

Harmonies

Analogous

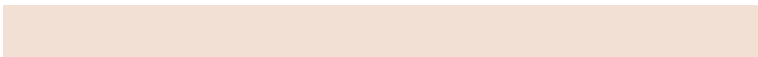
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.8679, 77.1312, 84.0852



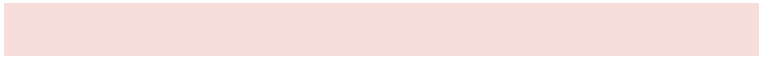
77.2652, 77.1312, 77.8333



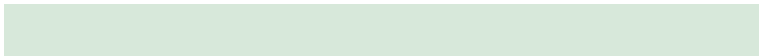
75.5981, 77.1312, 73.4334

Triad

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



77.2652, 77.1312, 77.8333



69.5284, 77.1312, 77.6648



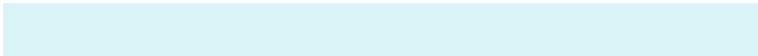
73.2751, 77.1312, 97.4323

Complementary

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



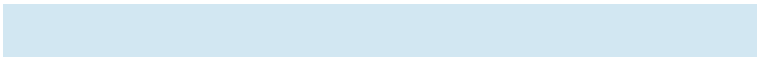
77.2652, 77.1312, 77.8333



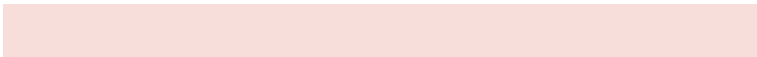
78.3521, 86.4750, 100.5581

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.



71.0703, 77.1312, 95.4969



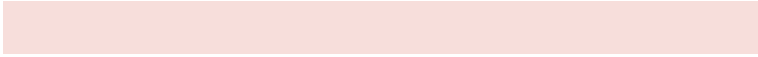
77.2652, 77.1312, 77.8333



68.9353, 77.1312, 83.8804

Square

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



77.2652, 77.1312, 77.8333



71.1310, 77.1312, 73.3398



69.4939, 77.1312, 90.4479



75.5349, 77.1312, 95.6085

Rectangle

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



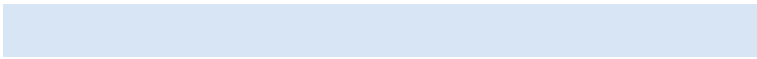
77.2652, 77.1312, 77.8333



74.1246, 77.1312, 72.0229



69.4939, 77.1312, 90.4479



72.5032, 77.1312, 97.1983

Sweetspot

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



77.2673, 77.1346, 77.8349



91.7025, 95.2370, 101.8285



80.0497, 76.9820, 96.3880



19.4412, 20.1184, 21.4012



0.0000, 0.0000, 0.0000



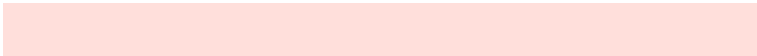
20.3446, 21.4041, 23.3091

Same Dimension

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



77.2673, 77.1346, 77.8349



80.4884, 79.2356, 78.2769



81.0827, 84.7653, 79.1067



16.6422, 16.7686, 17.1571



20.5359, 10.9573, 1.0326



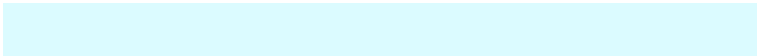
1.8513, 1.0558, 0.1062

Inverse Universe

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



78.3521, 86.4750, 100.5581



81.9038, 91.4268, 107.9381



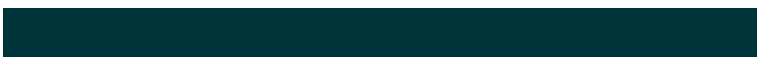
74.3554, 78.4815, 99.2259



16.8359, 18.4361, 21.2138



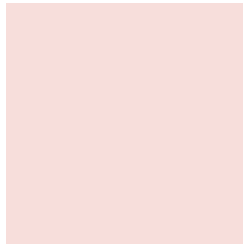
22.5470, 30.8877, 51.3116



2.0243, 2.8001, 4.5240

Previews

White Background



This preview shows how the XYZ color 77.2652, 77.1312, 77.8333 looks on a white background.

Color Contrast Check

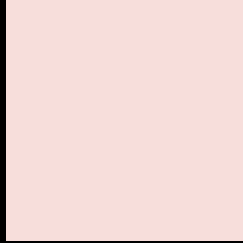
Large Text (above 18pt) WCAG AA × Fail

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 77.2652, 77.1312, 77.8333 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 77.2652, 77.1312, 77.8333

Background



This preview shows how black text looks on a background with the XYZ color 77.2652, 77.1312, 77.8333.

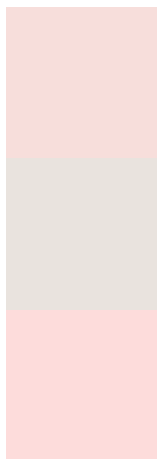


This preview shows how white text looks on a background with the XYZ color 77.2652, 77.1312,

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

77.2652, 77.1312, 77.8333

Protanopia

74.2582, 77.5357, 80.1593

Deuteranopia

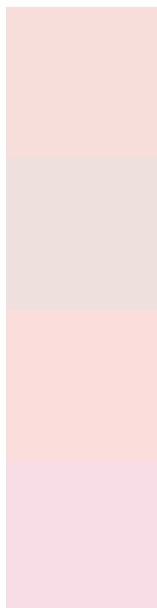
78.8874, 77.1835, 77.7579



Tritanopia

79.5388, 76.8589, 90.0000

Trichromacy



Original Color

77.2652, 77.1312, 77.8333

Protanomaly

75.2363, 77.2480, 79.3516

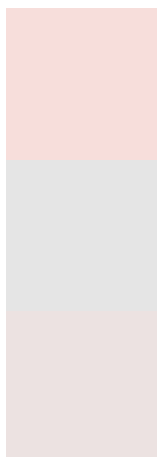
Deuteranomaly

78.4263, 77.3366, 77.8118

Tritanomaly

78.5875, 76.8560, 85.5556

Monochromacy



Original Color

77.2652, 77.1312, 77.8333

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.3790, 77.6618, 82.2515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.2652, 77.1312, 77.8333 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(247, 222, 219)` looks like.

```
.text, #text, p{  
    color:rgb(247, 222, 219)  
}
```

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(247, 222, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 222, 219) }
```

Border

The CSS property to change the border of an element to XYZ 77.2652, 77.1312, 77.8333 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(247, 222, 219) }
```


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

```
.border{ border-color:rgb(247, 222, 219) }
```

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

Here you see how a box with a 4 pixel rgb(247, 222, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 222, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 222, 219);  
box-shadow:4px 4px 4px 4px rgb(247, 222,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 77.2652, 77.1312, 77.8333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 222, 219) }
```

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

```
.background{ background-color: rgb(247,  
222, 219) }
```

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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