

Converting Colors

XYZ(77.5990, 74.3592, 74.5322)

Have a look what the booklet for XYZ(77.5990, 74.3592, 74.5322) contains.

- XYZ(77.5523, 74.2594, 74.5360) 3**
- Conversions* 4**
- Details* 6**
- Harmonies* 12**
- Previews* 24**
- Color Blindness Simulation* 28**
- CSS Examples* 31**

Color

**XYZ(77.5523, 74.2594,
74.5360)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD6D7
RGB	255, 214, 215
RGB Percent	100%, 84%, 84%
CMY	0.0000, 0.1608, 0.1569
CMYK	0.00, 0.16, 0.16, 0.00
HSL	359°, 100%, 92%
HSV	359°, 16%, 100%
XYZ	77.5523, 74.2594, 74.5360
YIQ	226.3730, 24.1150, 9.0030

Conversions

Conversions Part 2

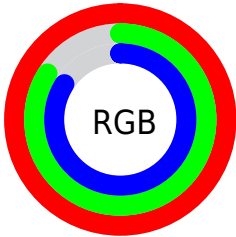
Format	Color
RYB	255, 214, 215
Decimal	16766679
CIELab	89.04, 14.44, 4.85
CIELCh	89, 15.233, 18.555
Yxy	74.2594, 0.3426, 0.3281
Android (android.graphics.Color)	4294956759 (0xFFFFD6D7)
YUV	226.3730, -5.6069, 25.1059
Hunter-Lab	86.1739, 9.8370, 9.0389

Details

The XYZ color **77.5523, 74.2594, 74.5360** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.3835, 92.9731, 107.4260**, and the grayscale version is **72.5873, 76.3675, 83.1642**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.0320, 39.3401, 38.6358** is the 20% darker color. If you saturate the color by 10%, you get **68.6390, 61.1660, 56.9729**, and if you desaturate by 10%, it is **87.9656, 89.5740, 94.9997**.

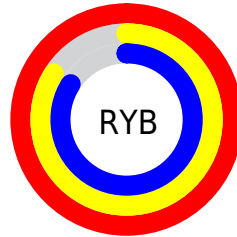
Distribution



Red (100%)

Green (84%)

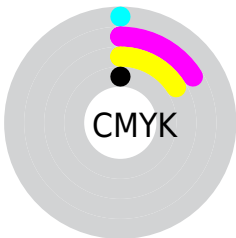
Blue (84%)



Red (100%)

Yellow (84%)

Blue (84%)

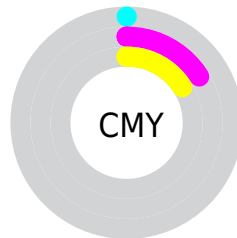


Cyan (0%)

Magenta (16%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (16%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.5523, 74.2594, 74.5360 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 77.5523, 74.2594, 74.5360 by changing the saturation by 10% instead.


 77.5523, 74.2594,
74.5360

 77.5523, 74.2594,
74.5360


475.5082,
475.3682, 495.5340

 58.0078, 55.0064,
54.7334


128.8875,
125.2635, 127.3964

 42.0582, 39.4068,
38.7912


161.4089,
157.7833, 161.2913

 29.3382, 27.0764,
26.2907

198.9867,
195.4942, 200.7206

 19.4824, 17.6306,
16.8135

241.9862,
238.7805, 246.1031

 12.1254, 10.6851,
9.9411

290.7727,
288.0266, 297.8571

 6.9019, 5.8555,
5.2548

345.7116,

 3.4466, 2.7574,

343.6171, 356.4012

2.3362

407.1683,
405.9361, 422.1540

■ 1.3941, 1.0064,
0.7514

■ 0.2520, 0.0000,
0.0000

■ 77.5523, 74.2594,
74.5360

■ 77.5523, 74.2594,
74.5360

■ 68.6390, 61.1660,
56.9729

■ 87.9656, 89.5740,
94.9997

■ 61.1517, 50.1819,
42.1749

95.0500, 100.0000,
108.9000

■ 55.0179, 41.1996,
30.0025

■ 50.1570, 34.0985,
20.3024

■ 46.4793, 28.7451,
12.9053

■ 43.8841, 24.9881,
7.6208

■ 42.2534, 22.6510,
4.2279

■ 41.4418, 21.5145,
2.4569

■ 41.2739, 21.2736,
2.1086

Harmonies

Analogous

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



77.7960, 74.2594, 84.9720



77.5523, 74.2594, 74.5360



75.4022, 74.2594, 66.5070

Triad

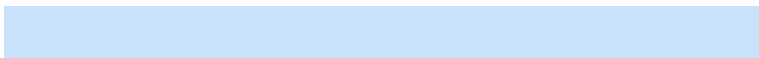
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.5523, 74.2594, 74.5360



65.3751, 74.2594, 68.0900



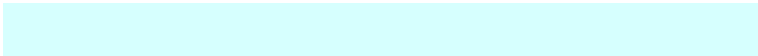
69.1772, 74.2594, 102.5452

Complementary

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



77.5523, 74.2594, 74.5360



81.3835, 92.9731, 107.4260

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.



65.9704, 74.2594, 97.1330



77.5523, 74.2594, 74.5360



63.8271, 74.2594, 76.8749

Square

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



77.5523, 74.2594, 74.5360



68.3387, 74.2594, 63.0161



64.0411, 74.2594, 87.5232



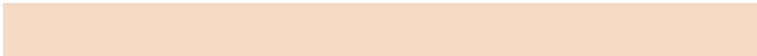
72.8725, 74.2594, 101.7799

Rectangle

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



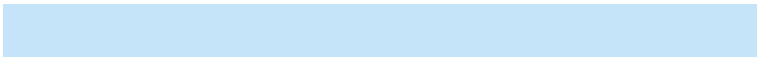
77.5523, 74.2594, 74.5360



73.2179, 74.2594, 63.3146



64.0411, 74.2594, 87.5232



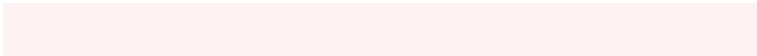
68.0088, 74.2594, 101.3702

Sweetspot

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



77.5540, 74.2626, 74.5375



89.1778, 91.3577, 97.3794



82.8372, 76.3180, 104.9726



18.9178, 19.3043, 20.5097



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

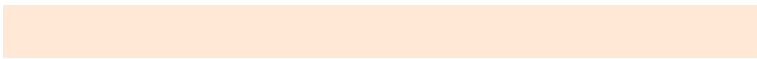
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.5540, 74.2626, 74.5375



74.7955, 70.2085, 69.1077



82.5560, 84.4705, 75.5757



18.0273, 17.9942, 18.7607



21.5742, 11.1190, 1.1424



2.1066, 1.0850, 0.1429

Inverse Universe

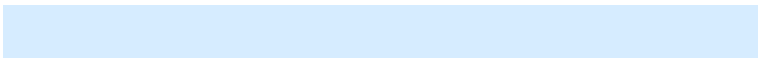
The Inverse Universe completely reimagines the original color for something new.



77.5540, 74.2626, 74.5375



74.7955, 70.2085, 69.1077



75.7412, 81.4328, 106.3339



18.0273, 17.9942, 18.7607



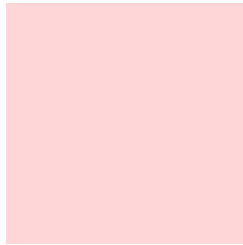
21.5742, 11.1190, 1.1424



2.1066, 1.0850, 0.1429

Previews

White Background



This preview shows how the XYZ color 77.5523, 74.2594, 74.5360 looks on a white background.

Color Contrast Check

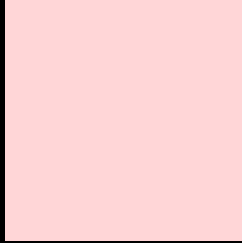
Large Text (above 18pt) WCAG AA × Fail

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 77.5523, 74.2594, 74.5360 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 77.5523, 74.2594, 74.5360

Background



This preview shows how black text looks on a background with the XYZ color 77.5523, 74.2594, 74.5360.



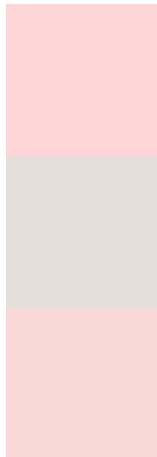
This preview shows how white text looks on a background with the XYZ color 77.5523, 74.2594,

74.5360.

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

77.5523, 74.2594, 74.5360

Protanopia

71.6190, 74.6007, 78.3348

Deuteranopia

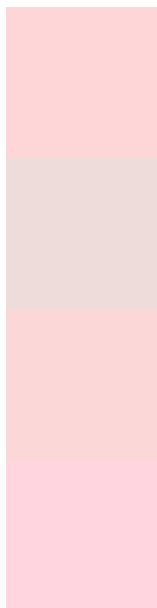
75.8885, 74.1578, 74.6041



Tritanopia

79.0378, 74.4499, 83.6033

Trichromacy



Original Color

77.5523, 74.2594, 74.5360

Protanomaly

73.5080, 74.4255, 76.8209

Deuteranomaly

76.3498, 74.0164, 74.5525

Tritanomaly

78.3535, 74.1762, 79.9998

Monochromacy



Original Color

77.5523, 74.2594, 74.5360

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.2311, 75.5210, 79.7719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.5523, 74.2594, 74.5360 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(255, 214, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 215)  
}
```

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(255, 214, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 215) }
```

Border

The CSS property to change the border of an element to XYZ 77.5523, 74.2594, 74.5360 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(255, 214, 215) }
```


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

```
.border{ border-color:rgb(255, 214, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 77.5523, 74.2594, 74.5360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 215) }
```

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

```
.background{ background-color: rgb(255,  
214, 215) }
```

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