

Converting Colors

XYZ(75.7321, 77.7059, 52.0815)

Have a look what the booklet for
XYZ(75.7321, 77.7059, 52.0815)
contains.

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Color

**XYZ(75.7321, 77.7059,
52.0815)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE0B0
RGB	255, 224, 176
RGB Percent	100%, 88%, 69%
CMY	0.0000, 0.1215, 0.3098
CMYK	0.00, 0.12, 0.31, 0.00
HSL	36°, 100%, 85%
HSV	36°, 31%, 100%
XYZ	75.7321, 77.7059, 52.0815
YIQ	227.7970, 33.8840, -8.3560

Conversions

Conversions Part 2

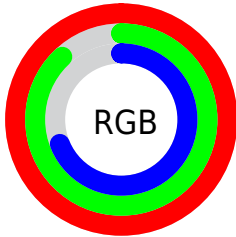
Format	Color
RYB	227, 255, 176
Decimal	16769200
CIELab	90.65, 3.86, 27.46
CIElCh	91, 27.729, 82.004
Yxy	77.7059, 0.3685, 0.3781
Android (android.graphics.Color)	4294959280 (0xFFFFE0B0)
YUV	227.7970, -25.5359, 23.8570
Hunter-Lab	88.1510, -0.9115, 26.6758

Details

The XYZ color **75.7321, 77.7059, 52.0815** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.2667, 61.0738, 103.3252**, and the grayscale version is **73.7595, 77.6007, 84.5072**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **40.7891, 41.6763, 24.6334** is the 20% darker color. If you saturate the color by 10%, you get **70.8326, 71.5723, 39.1481**, and if you desaturate by 10%, it is **81.2677, 84.3526, 67.5668**.

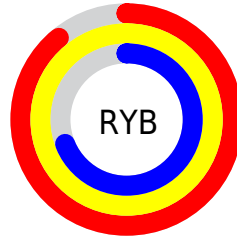
Distribution



Red (100%)

Green (88%)

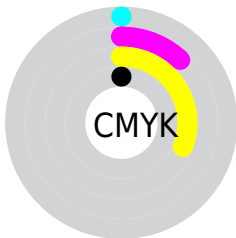
Blue (69%)



Red (89%)

Yellow (100%)

Blue (69%)

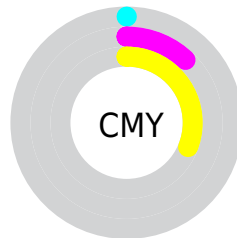


Cyan (0%)

Magenta (12%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (12%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.7321, 77.7059, 52.0815 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 75.7321, 77.7059, 52.0815 by changing the saturation by 10% instead.


 75.7321, 77.7059,
52.0815

 75.7321, 77.7059,
52.0815


469.3886,
487.1675, 411.7171

 56.5091, 57.8324,
36.6874


 126.3305,
130.1355, 94.6792

 40.8499, 41.6739,
24.6716

158.4367,
163.4603, 122.7199

 28.3890, 28.8461,
15.6158


195.5680,
202.0377, 155.8131

 18.7610, 18.9644,
9.1013

238.0897,
246.2522, 194.3775

 11.6007, 11.6446,
4.7096

286.3673,
296.4879, 238.8315

 6.5427, 6.5021,
2.0222

340.7661,

 3.2215, 3.1527,

353.1295, 289.5938

0.5689

401.6514,
416.5612, 347.0828

■ 1.2720, 1.2120,
0.0000

■ 0.1621, 0.0715,
0.0000

■ 75.7321, 77.7059,
52.0815

■ 75.7321, 77.7059,
52.0815

■ 70.8326, 71.5723,
39.1481

■ 81.2677, 84.3526,
67.5668

■ 66.5341, 65.9253,
28.6208

■ 87.4607, 91.5168,
85.7293

■ 62.8064, 60.7509,
20.3464

■ 94.3385, 99.2164,
106.6916

■ 59.6142, 56.0306,
14.1519

■ 95.0500, 100.0000,
108.9000

■ 56.9169, 51.7435,
9.8386

■ 54.6665, 47.8655,
7.1684

■ 52.9539, 44.6878,
5.8346

Harmonies

Analogous

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



82.3945, 77.7059, 57.8862



75.7321, 77.7059, 52.0815



68.9618, 77.7059, 53.8494

Triad

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



75.7321, 77.7059, 52.0815



62.1452, 77.7059, 99.7756



84.8986, 77.7059, 110.4285

Complementary

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



75.7321, 77.7059, 52.0815



58.2667, 61.0738, 103.3252

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.



78.9788, 77.7059, 125.2922



75.7321, 77.7059, 52.0815



65.9308, 77.7059, 118.5006

Square

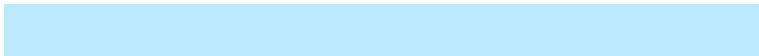
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7321, 77.7059, 52.0815



61.3963, 77.7059, 79.3945



72.0134, 77.7059, 128.4572



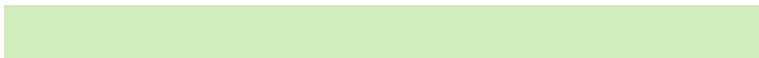
87.8992, 77.7059, 90.0460

Rectangle

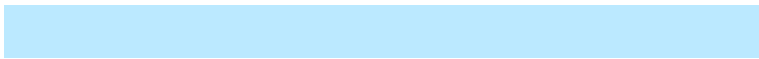
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.7321, 77.7059, 52.0815



65.2693, 77.7059, 59.2323



72.0134, 77.7059, 128.4572



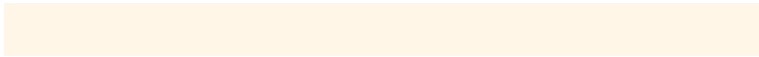
83.1670, 77.7059, 116.3599

Sweetspot

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



75.7341, 77.7094, 52.0831



88.7671, 92.9981, 89.6531



68.1019, 56.8459, 66.8005



18.7937, 19.6720, 18.5699



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.



75.7341, 77.7094, 52.0831



72.7093, 73.9551, 43.9992



81.9898, 94.4470, 54.9841



18.9280, 19.8242, 18.9732



27.8191, 23.6495, 3.0986



2.8151, 2.5156, 0.3372

Inverse Universe

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



58.2667, 61.0738, 103.3252



52.7955, 54.9967, 102.4405



53.3193, 48.4496, 101.1492



17.5876, 18.5467, 22.9029



11.9499, 8.8093, 50.5051



1.2662, 1.0631, 4.9517

Previews

White Background



This preview shows how the XYZ color 75.7321, 77.7059, 52.0815 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 75.7321, 77.7059, 52.0815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

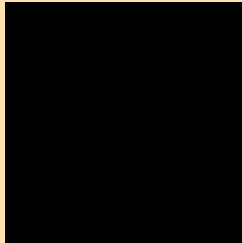
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.7321, 77.7059, 52.0815

Background



This preview shows how black text looks on a background with the XYZ color 75.7321, 77.7059, 52.0815.

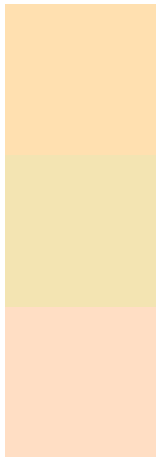


This preview shows how white text looks on a background with the XYZ color 75.7321, 77.7059,

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

75.7321, 77.7059, 52.0815

Protanopia

72.7414, 77.7558, 53.2940

Deuteranopia

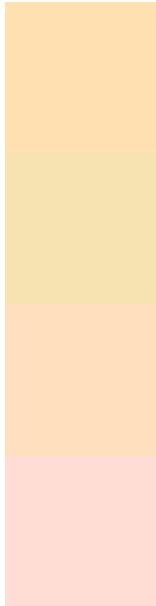
77.3251, 77.4881, 63.1058



Tritanopia

81.1370, 77.7492, 87.0747

Trichromacy



Original Color

75.7321, 77.7059, 52.0815

Protanomaly

73.7627, 77.8867, 52.7409

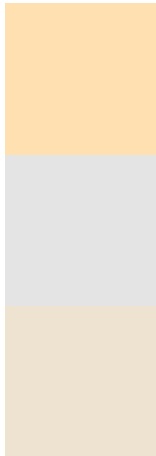
Deuteranomaly

76.8130, 77.7095, 59.0951

Tritanomaly

78.9801, 77.7264, 73.1273

Monochromacy



Original Color

75.7321, 77.7059, 52.0815

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.2376, 77.7188, 71.4101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7321, 77.7059, 52.0815 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, 224, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 176)  
}
```

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, 224, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 176) }
```

Border

The CSS property to change the border of an element to XYZ 75.7321, 77.7059, 52.0815 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, 224, 176) }
```


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

```
.border{ border-color:rgb(255, 224, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7321, 77.7059, 52.0815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 176) }
```

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

```
.background{ background-color: rgb(255,  
224, 176) }
```

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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