

Converting Colors

XYZ(79.9744, 77.7718, 65.2317)

Have a look what the booklet for
XYZ(79.9744, 77.7718, 65.2317)
contains.

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Color

**XYZ(76.9968, 76.0932,
65.2729)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDBC8
RGB	255, 219, 200
RGB Percent	100%, 86%, 78%
CMY	0.0000, 0.1412, 0.2157
CMYK	0.00, 0.14, 0.22, 0.00
HSL	21°, 100%, 89%
HSV	21°, 22%, 100%
XYZ	76.9968, 76.0932, 65.2729
YIQ	227.5980, 27.5550, 1.7230

Conversions

Conversions Part 2

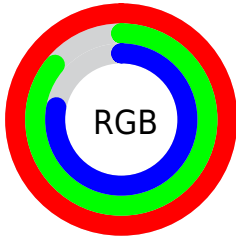
Format	Color
R _Y B	255, 229, 200
Decimal	16767944
CIE Lab	89.90, 9.63, 13.95
CIE LCh	90, 16.951, 55.400
Yxy	76.0932, 0.3526, 0.3485
Android (android.graphics.Color)	4294958024 (0xFFFFDBC8)
YUV	227.5980, -13.6058, 24.0316
Hunter-Lab	87.2314, 4.9021, 16.6969

Details

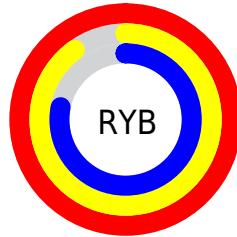
The XYZ color **76.9968, 76.0932, 65.2729** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.8640, 79.4878, 106.1628**, and the grayscale version is **73.5329, 77.3624, 84.2476**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7525, 40.6320, 32.8363** is the 20% darker color. If you saturate the color by 10%, you get **70.1242, 66.7260, 49.4848**, and if you desaturate by 10%, it is **84.8068, 86.5390, 83.8274**.

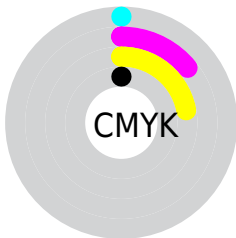
Distribution



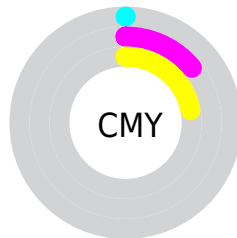
- Red (100%)
- Green (86%)
- Blue (78%)



- Red (100%)
- Yellow (90%)
- Blue (78%)



- Cyan (0%)
- Magenta (14%)
- Yellow (22%)
- Black (0%)




- Cyan (0%)
- Magenta (14%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.9968, 76.0932, 65.2729 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 76.9968, 76.0932, 65.2729 by changing the saturation by 10% instead.


 76.9968, 76.0932,
65.2729

 76.9968, 76.0932,
65.2729


473.6452,
481.6667, 462.1050

 57.5502, 56.5089,
47.2296


128.1078,
127.8586, 114.0591

 41.6890, 40.6111,
32.8616


160.5029,
160.8086, 145.6392

 29.0479, 28.0153,
21.7502


197.9449,
198.9826, 182.5686

 19.2615, 18.3372,
13.4769

240.7991,
242.7650, 225.2660

 11.9645, 11.1924,
7.6232

289.4309,
292.5402, 274.1497

 6.7915, 6.1964,
3.7705

344.2056,

 3.3772, 2.9649,

348.6926, 329.6385

1.5003

405.4886,
411.6067, 392.1507

■ 1.3563, 1.1134,
0.2182

■ 0.2247, 0.0000,
0.0000

■ 76.9968, 76.0932,
65.2729

■ 76.9968, 76.0932,
65.2729

■ 70.1242, 66.7260,
49.4848

■ 84.8068, 86.5390,
83.8274

■ 64.1459, 58.3919,
36.3244

■ 93.5838, 98.0870,
105.2685

■ 59.0236, 51.0566,
25.6480

■ 95.0500, 100.0000,
108.9000

■ 54.7140, 44.6804,
17.2961

■ 51.1690, 39.2202,
11.0904

■ 48.3352, 34.6293,
6.8261

■ 46.1498, 30.8556,
4.2575

■ 44.7392, 28.2584,
3.0964

Harmonies

Analogous

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



79.8497, 76.0932, 73.3437



76.9968, 76.0932, 65.2729



72.9725, 76.0932, 61.9142

Triad

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



76.9968, 76.0932, 65.2729



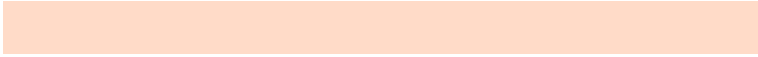
64.5866, 76.0932, 81.0155



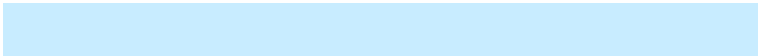
75.8356, 76.0932, 105.4946

Complementary

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



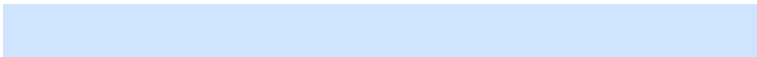
76.9968, 76.0932, 65.2729



71.8640, 79.4878, 106.1628

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.



71.6800, 76.0932, 108.0479



76.9968, 76.0932, 65.2729



65.2873, 76.0932, 93.1497

Square

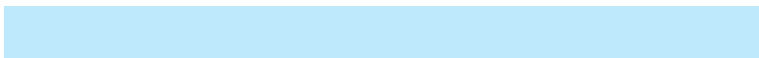
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.9968, 76.0932, 65.2729



65.8927, 76.0932, 70.4278



67.8448, 76.0932, 103.3352



79.1613, 76.0932, 96.6589

Rectangle

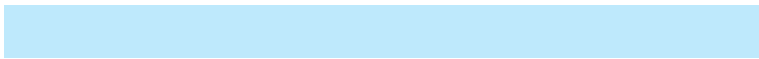
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.9968, 76.0932, 65.2729



70.2057, 76.0932, 62.5373



67.8448, 76.0932, 103.3352



74.4851, 76.0932, 107.1502

Sweetspot

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



76.9987, 76.0966, 65.2745



89.5721, 92.8304, 95.4017



77.1322, 68.6643, 89.0543



19.0491, 19.7077, 20.1192



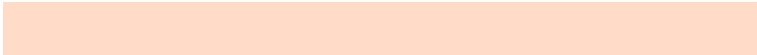
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



76.9987, 76.0966, 65.2745



73.8389, 71.8133, 57.9432



84.5707, 91.2406, 67.7985



18.5226, 19.0133, 18.8380



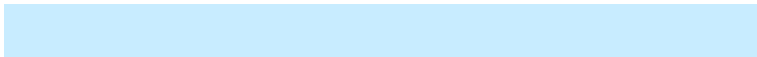
23.5021, 15.0154, 1.6596



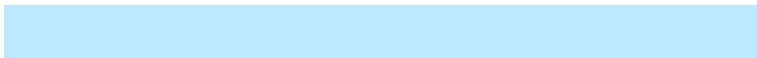
2.3856, 1.6565, 0.1940

Inverse Universe

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



71.8640, 79.4878, 106.1628



67.8439, 75.7644, 105.6560



64.7116, 65.1831, 103.7787



17.9955, 19.3626, 23.0388



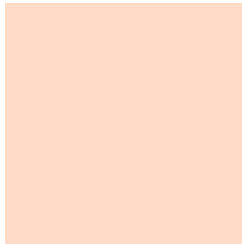
16.7858, 18.4813, 52.1171



1.7364, 2.0035, 5.1085

Previews

White Background



This preview shows how the XYZ color 76.9968, 76.0932, 65.2729 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 76.9968, 76.0932, 65.2729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

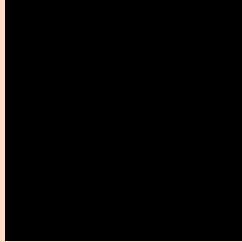
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.9968, 76.0932, 65.2729

Background



This preview shows how black text looks on a background with the XYZ color 76.9968, 76.0932, 65.2729.



This preview shows how white text looks on a background with the XYZ color 76.9968, 76.0932,

65.2729.

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

76.9968, 76.0932, 65.2729

Protanopia

72.5679, 76.5374, 67.4484

Deuteranopia

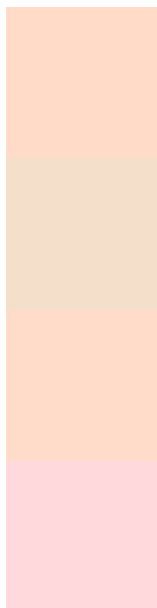
77.3510, 76.2348, 67.1379



Tritanopia

80.2197, 76.1413, 86.0700

Trichromacy



Original Color

76.9968, 76.0932, 65.2729

Protanomaly

74.0105, 76.0943, 66.6640

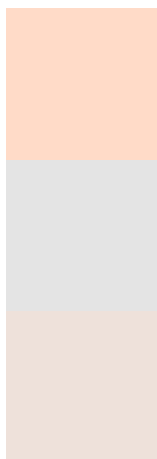
Deuteranomaly

77.2322, 76.1873, 66.5122

Tritanomaly

78.9711, 76.0530, 78.2276

Monochromacy



Original Color

76.9968, 76.0932, 65.2729

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.8400, 77.0895, 77.2649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9968, 76.0932, 65.2729 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, 219, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 200)  
}
```

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, 219, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 200) }
```

Border

The CSS property to change the border of an element to XYZ 76.9968, 76.0932, 65.2729 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, 219, 200) }
```


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

```
.border{ border-color:rgb(255, 219, 200) }
```

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

Here you see how a box with a 4 pixel rgb(255, 219, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9968, 76.0932, 65.2729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 200) }
```

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

```
.background{ background-color: rgb(255,  
219, 200) }
```

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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