

Converting Colors

XYZ(75.7233, 79.7348, 63.5381)

Have a look what the booklet for
XYZ(75.7233, 79.7348, 63.5381)
contains.

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Color

**XYZ(75.9168, 79.9916,
63.6632)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E6C4
RGB	245, 230, 196
RGB Percent	96%, 90%, 77%
CMY	0.0392, 0.0980, 0.2314
CMYK	0.00, 0.06, 0.20, 0.04
HSL	42°, 71%, 86%
HSV	42°, 20%, 96%
XYZ	75.9168, 79.9916, 63.6632
YIQ	230.6090, 19.8540, -7.3940

Conversions

Conversions Part 2

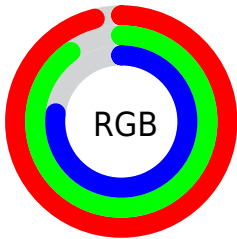
Format	Color
R_{YB}	218, 245, 196
Decimal	16115396
CIE _{Lab}	91.68, -0.23, 18.42
CIE _{LCh}	92, 18.419, 90.715
Yxy	79.9916, 0.3457, 0.3643
Android (android.graphics.Color)	4294305476 (0xFFFF5E6C4)
YUV	230.6090, -17.0622, 12.6209
Hunter-Lab	89.4380, -5.0021, 20.4032

Details

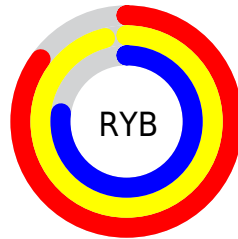
The XYZ color **75.9168, 79.9916, 63.6632** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **62.5403, 64.9154, 95.6204**, and the grayscale version is **75.7792, 79.7256, 86.8212**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **40.9515, 43.3043, 31.7914** is the 20% darker color. If you saturate the color by 10%, you get **71.3116, 74.8851, 49.4751**, and if you desaturate by 10%, it is **81.0715, 85.4669, 80.2830**.

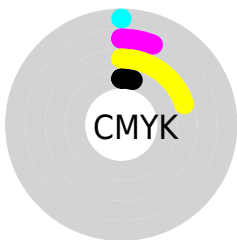
Distribution



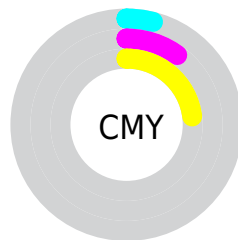
- Red (96%)
- Green (90%)
- Blue (77%)



- Red (85%)
- Yellow (96%)
- Blue (77%)



- Cyan (0%)
- Magenta (6%)
- Yellow (20%)
- Black (4%)



- Cyan (4%)
- Magenta (10%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9168, 79.9916, 63.6632 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 75.9168, 79.9916, 63.6632 by changing the saturation by 10% instead.

75.9168, 79.9916,
63.6632

75.9168, 79.9916,
63.6632

470.0116,
494.9045, 456.1464

56.6611, 59.7114,
45.9335

126.5903,
133.3539, 111.7205

40.9723, 43.1861,
31.8451

158.7388,
167.2049, 142.8853

28.4850, 30.0312,
20.9793

195.9156,
206.3482, 179.3654

18.8339, 19.8622,
12.9178

238.4860,
251.1683, 221.5795

11.6536, 12.2949,
7.2419

286.8155,
302.0496, 269.9461

6.5788, 6.9449,
3.5331

341.2694,

3.2441, 3.4276,

359.3765, 324.8838

1.3729

402.2129,
423.5333, 386.8110

■ 1.2841, 1.3589,
0.1204

■ 0.1713, 0.1861,
0.0000

■ 75.9168, 79.9916,
63.6632

■ 75.9168, 79.9916,
63.6632

■ 71.3116, 74.8851,
49.4751

■ 81.0715, 85.4669,
80.2830

■ 67.2262, 70.1257,
37.5969

■ 86.7909, 91.3107,
99.4381

■ 63.6379, 65.7051,
27.9040

■ 90.6736, 96.5670,
108.4680

■ 60.5191, 61.6104,
20.2580

■ 91.4664, 98.1526,
108.7323

■ 57.8394, 57.8277,
14.5042

■ 55.5642, 54.3410,
10.4662

■ 53.6523, 51.1321,
7.9335

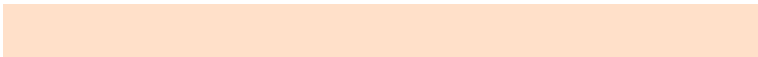
■ 52.0360, 48.1718,
6.5555

■ 52.0359, 48.1716,
6.5555

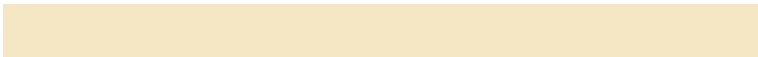
Harmonies

Analogous

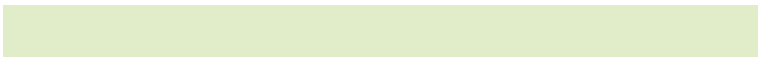
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.5437, 79.9916, 66.3879



75.9168, 79.9916, 63.6632



71.4996, 79.9916, 66.6580

Triad

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



75.9168, 79.9916, 63.6632



68.5104, 79.9916, 101.0196



84.2005, 79.9916, 100.4028

Complementary

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



75.9168, 79.9916, 63.6632



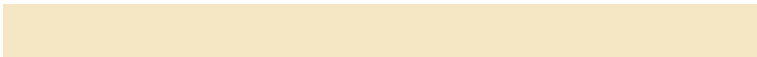
62.5403, 64.9154, 95.6204

Split Complementary

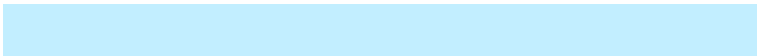
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.7470, 79.9916, 111.3382



75.9168, 79.9916, 63.6632



71.6874, 79.9916, 111.7193

Square

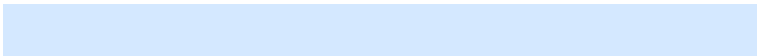
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.9168, 79.9916, 63.6632



67.3334, 79.9916, 87.4209



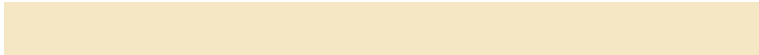
76.1425, 79.9916, 115.6739



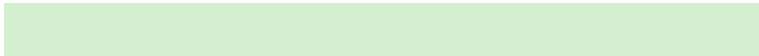
85.4441, 79.9916, 86.7744

Rectangle

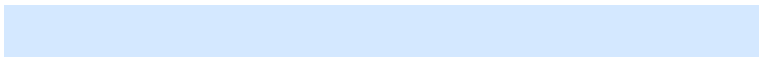
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.9168, 79.9916, 63.6632



69.2369, 79.9916, 71.6931



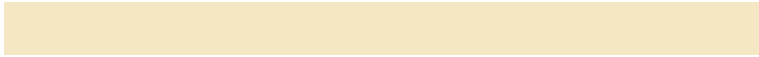
76.1425, 79.9916, 115.6739



83.2527, 79.9916, 104.5636

Sweetspot

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



75.9189, 79.9952, 63.6649



91.2081, 96.1024, 95.9470



69.2197, 63.6224, 70.6012



19.4357, 20.4810, 20.2481



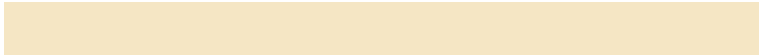
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



75.9189, 79.9952, 63.6649



81.0289, 85.2935, 63.1139



77.2145, 87.1267, 64.9731



17.4618, 18.4076, 17.4303



28.1607, 26.2070, 3.5742



2.5656, 2.4845, 0.3443

Inverse Universe

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



62.5403, 64.9154, 95.6204



63.9226, 66.0145, 103.9807



61.3945, 59.0503, 94.5487



15.9947, 16.7537, 20.9333



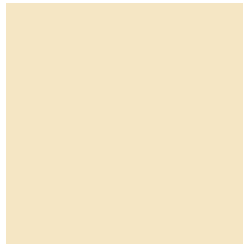
10.3403, 6.4744, 47.2427



0.9958, 0.7431, 4.1812

Previews

White Background



This preview shows how the XYZ color 75.9168, 79.9916, 63.6632 looks on a white background.

Color Contrast Check

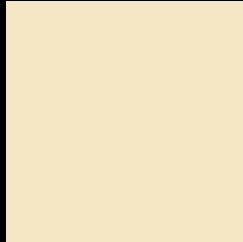
Large Text (above 18pt) WCAG AA × Fail

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 75.9168, 79.9916, 63.6632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

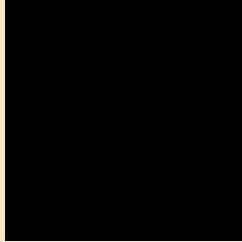
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.9168, 79.9916, 63.6632

Background



This preview shows how black text looks on a background with the XYZ color 75.9168, 79.9916, 63.6632.

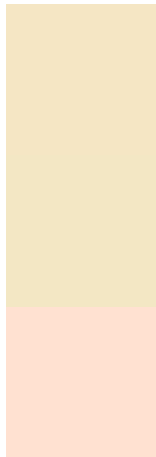


This preview shows how white text looks on a background with the XYZ color 75.9168, 79.9916,

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

75.9168, 79.9916, 63.6632

Protanopia

75.5019, 80.1920, 63.7238

Deuteranopia

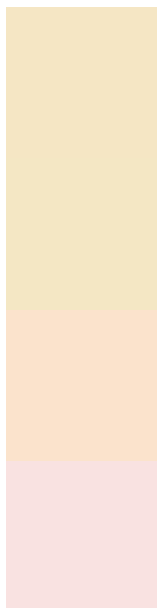
79.6738, 79.7139, 71.5087



Tritanopia

82.3165, 80.1714, 94.3552

Trichromacy



Original Color

75.9168, 79.9916, 63.6632

Protanomaly

75.8479, 80.3704, 63.7400

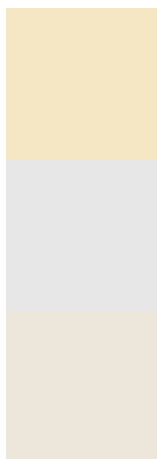
Deuteranomaly

78.1518, 79.8070, 68.4120

Tritanomaly

79.8539, 79.9687, 82.4609

Monochromacy



Original Color

75.9168, 79.9916, 63.6632

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.8229, 80.0467, 77.7839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9168, 79.9916, 63.6632 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(245, 230, 196)` looks like.

```
.text, #text, p{  
    color:rgb(245, 230, 196)  
}
```

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(245, 230, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 230, 196) }
```

Border

The CSS property to change the border of an element to XYZ 75.9168, 79.9916, 63.6632 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(245, 230, 196) }
```


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

```
.border{ border-color:rgb(245, 230, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 230, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 230, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 230, 196);  
box-shadow:4px 4px 4px 4px rgb(245, 230,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9168, 79.9916, 63.6632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 230, 196) }
```

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

```
.background{ background-color: rgb(245,  
230, 196) }
```

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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