

Converting Colors

XYZ(75.9422, 79.1163, 66.5267)

Have a look what the booklet for
XYZ(75.9422, 79.1163, 66.5267)
contains.

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Color

**XYZ(75.9422, 79.1163,
66.5267)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E4C9
RGB	245, 228, 201
RGB Percent	96%, 89%, 79%
CMY	0.0392, 0.1059, 0.2118
CMYK	0.00, 0.07, 0.18, 0.04
HSL	37°, 69%, 87%
HSV	37°, 18%, 96%
XYZ	75.9422, 79.1163, 66.5267
YIQ	230.0050, 18.7990, -4.7930

Conversions

Conversions Part 2

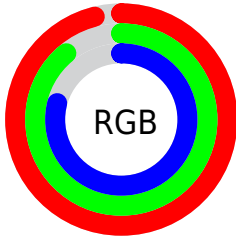
Format	Color
R _Y B	229, 245, 201
Decimal	16114889
CIE Lab	91.29, 1.52, 15.27
CIE LCh	91, 15.343, 84.310
Yxy	79.1163, 0.3427, 0.3570
Android (android.graphics.Color)	4294304969 (0xFF5E4C9)
YUV	230.0050, -14.2995, 13.1506
Hunter-Lab	88.9473, -3.2566, 17.9182

Details

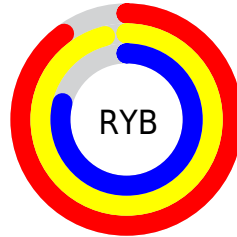
The XYZ color **75.9422, 79.1163, 66.5267** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **65.6399, 69.1514, 96.2748**, and the grayscale version is **75.3120, 79.2341, 86.2859**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9491, 42.6851, 33.6846** is the 20% darker color. If you saturate the color by 10%, you get **70.7550, 72.9919, 51.6947**, and if you desaturate by 10%, it is **81.7359, 85.7167, 83.8307**.

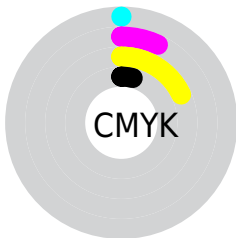
Distribution



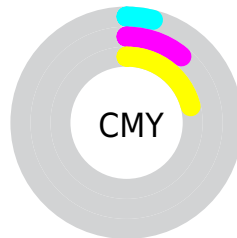
- Red (96%)
- Green (89%)
- Blue (79%)



- Red (90%)
- Yellow (96%)
- Blue (79%)



- Cyan (0%)
- Magenta (7%)
- Yellow (18%)
- Black (4%)



- Cyan (4%)
- Magenta (11%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9422, 79.1163, 66.5267 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 75.9422, 79.1163, 66.5267 by changing the saturation by 10% instead.

75.9422, 79.1163,
66.5267

75.9422, 79.1163,
66.5267

470.0972,
491.9497, 466.7137

56.6820, 58.9914,
48.2409

126.6260,
132.1226, 115.8762

40.9891, 42.6062,
33.6564

158.7803,
165.7728, 147.7769

28.4982, 29.5763,
22.3545

195.9633,
204.7002, 185.0531

18.8439, 19.5172,
13.9168

238.5405,
249.2893, 228.1231

11.6609, 12.0446,
7.9247

286.8771,
299.9244, 277.4057

6.5838, 6.7740,
3.9597

341.3385,

3.2472, 3.3212,

356.9899, 333.3193

1.6033

402.2901,
420.8702, 396.2825

■ 1.2858, 1.3016,
0.2932

■ 0.1725, 0.1425,
0.0000

■ 75.9422, 79.1163,
66.5267

■ 75.9422, 79.1163,
66.5267

■ 70.7550, 72.9919,
51.6947

■ 81.7359, 85.7167,
83.8307

■ 66.1440, 67.3196,
39.2143

■ 88.1522, 92.7951,
103.7092

■ 62.0855, 62.0890,
28.9626

■ 91.4665, 98.1526,
108.7323

■ 58.5513, 57.2851,
20.8035

■ 55.5105, 52.8916,
14.5857

■ 52.9281, 48.8904,
10.1374

■ 50.7631, 45.2611,
7.2559

■ 48.9608, 41.9776,
5.6656

■ 48.6217, 41.3430,
5.4174

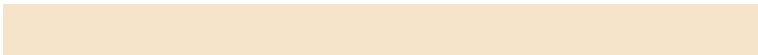
Harmonies

Analogous

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



79.6492, 79.1163, 69.8814



75.9422, 79.1163, 66.5267



72.1584, 79.1163, 68.0491

Triad

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



75.9422, 79.1163, 66.5267



68.5809, 79.1163, 95.2731



81.4417, 79.1163, 99.2644

Complementary

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



75.9422, 79.1163, 66.5267



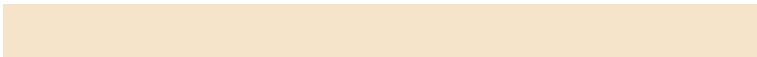
65.6399, 69.1514, 96.2748

Split Complementary

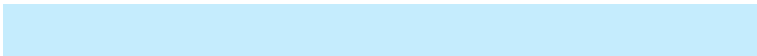
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.3211, 79.1163, 107.1925



75.9422, 79.1163, 66.5267



70.9152, 79.1163, 104.7525

Square

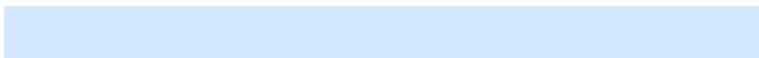
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



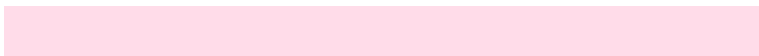
75.9422, 79.1163, 66.5267



67.9932, 79.1163, 84.0364



74.4580, 79.1163, 109.2825



82.8939, 79.1163, 88.2870

Rectangle

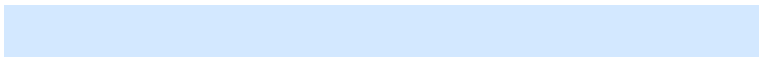
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.9422, 79.1163, 66.5267



70.0897, 79.1163, 71.6982



74.4580, 79.1163, 109.2825



80.5480, 79.1163, 102.4110

Sweetspot

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



75.9443, 79.1198, 66.5284



91.5136, 96.1038, 97.9280



71.2772, 66.2802, 75.7796



19.4843, 20.4553, 20.6429



0.0000, 0.0000, 0.0000



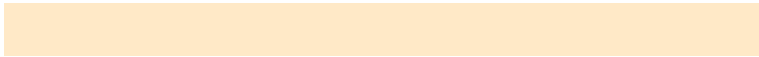
20.3446, 21.4041, 23.3091

Same Dimension

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



75.9443, 79.1198, 66.5284



80.7699, 83.8444, 65.8985



79.3350, 88.1530, 68.0932



17.3459, 18.1759, 17.3916



26.3316, 22.5488, 2.9645



2.4137, 2.1807, 0.2937

Inverse Universe

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



65.6399, 69.1514, 96.2748



67.3194, 70.8339, 104.7319



62.6564, 61.4031, 94.9364



16.1060, 16.9762, 20.9704



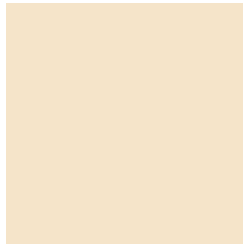
11.1899, 8.1735, 47.5259



1.0799, 0.9113, 4.2092

Previews

White Background



This preview shows how the XYZ color 75.9422, 79.1163, 66.5267 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 75.9422, 79.1163, 66.5267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

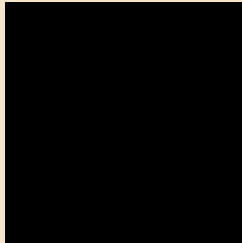
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.9422, 79.1163, 66.5267

Background



This preview shows how black text looks on a background with the XYZ color 75.9422, 79.1163, 66.5267.

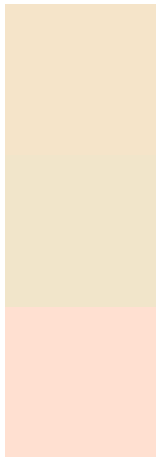


This preview shows how white text looks on a background with the XYZ color 75.9422, 79.1163,

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

75.9422, 79.1163, 66.5267

Protanopia

74.9556, 79.0037, 67.1758

Deuteranopia

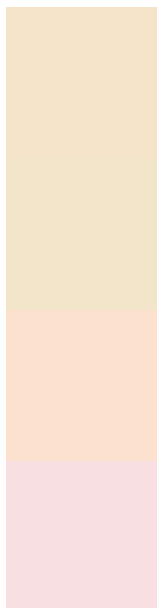
79.4043, 79.1748, 71.4188



Tritanopia

81.2738, 78.8578, 93.3756

Trichromacy



Original Color

75.9422, 79.1163, 66.5267

Protanomaly

75.2979, 79.1801, 67.1918

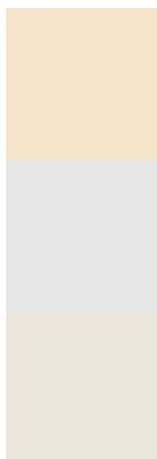
Deuteranomaly

77.8495, 78.8159, 69.5024

Tritanomaly

79.0945, 78.7588, 82.9847

Monochromacy



Original Color

75.9422, 79.1163, 66.5267

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.0664, 78.8153, 78.2743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9422, 79.1163, 66.5267 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, 228, 201)` looks like.

```
.text, #text, p{  
    color:rgb(245, 228, 201)  
}
```

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, 228, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 228, 201) }
```

Border

The CSS property to change the border of an element to XYZ 75.9422, 79.1163, 66.5267 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, 228, 201) }
```


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

```
.border{ border-color:rgb(245, 228, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 228, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 228, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 228, 201);  
box-shadow:4px 4px 4px 4px rgb(245, 228,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9422, 79.1163, 66.5267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 228, 201) }
```

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

```
.background{ background-color: rgb(245,  
228, 201) }
```

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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