

Converting Colors

XYZ(75.7446, 77.8124, 66.1490)

Have a look what the booklet for
XYZ(75.7446, 77.8124, 66.1490)
contains.

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Color

**XYZ(75.8256, 77.8416,
66.2868)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E1C9
RGB	247, 225, 201
RGB Percent	97%, 88%, 79%
CMY	0.0314, 0.1176, 0.2118
CMYK	0.00, 0.09, 0.19, 0.03
HSL	31°, 74%, 88%
HSV	31°, 19%, 97%
XYZ	75.8256, 77.8416, 66.2868
YIQ	228.8420, 20.8160, -2.8000

Conversions

Conversions Part 2

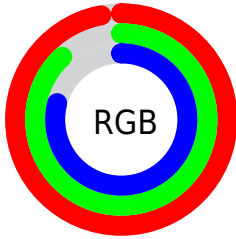
Format	Color
R_{YB}	243, 247, 201
Decimal	16245193
CIE _{Lab}	90.71, 3.78, 14.47
CIE _{LCh}	91, 14.958, 75.360
Y _{xy}	77.8416, 0.3447, 0.3539
Android (android.graphics.Color)	4294435273 (0xFFFF7E1C9)
Y _{UV}	228.8420, -13.7261, 15.9246
Hunter-Lab	88.2279, -0.9907, 17.2141

Details

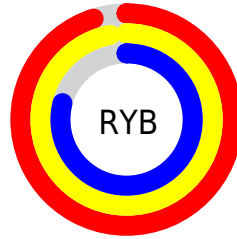
The XYZ color **75.8256, 77.8416, 66.2868** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.2632, 71.9067, 98.3305**, and the grayscale version is **74.4488, 78.3259, 85.2969**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8764, 41.8032, 33.5182** is the 20% darker color. If you saturate the color by 10%, you get **70.0678, 70.6077, 51.1666**, and if you desaturate by 10%, it is **82.2757, 85.7111, 83.9446**.

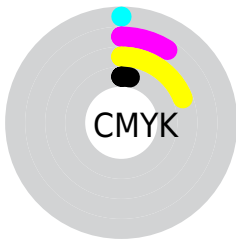
Distribution



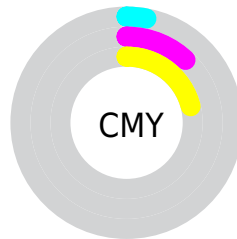
- Red (97%)
- Green (88%)
- Blue (79%)



- Red (95%)
- Yellow (97%)
- Blue (79%)



- Cyan (0%)
- Magenta (9%)
- Yellow (19%)
- Black (3%)





- Cyan (3%)
- Magenta (12%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.8256, 77.8416, 66.2868 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 75.8256, 77.8416, 66.2868 by changing the saturation by 10% instead.


 75.8256, 77.8416,
66.2868

 75.8256, 77.8416,
66.2868

469.7041,
487.6287, 465.8341

 56.5861, 57.9439,
48.0473

126.4620,
130.3268, 115.5288

 40.9118, 41.7635,
33.5041


158.5896,
163.6831, 147.3684

 28.4376, 28.9162,
22.2386


195.7440,
202.2943, 184.5784

 18.7979, 19.0174,
13.8323

238.2904,
246.5449, 227.5774

 11.6275, 11.6829,
7.8667

286.5942,
296.8192, 276.7839

 6.5609, 6.5281,
3.9232

341.0209,

 3.2329, 3.1688,

353.5017, 332.6165

1.5833

401.9357,
416.9767, 395.4937

■ 1.2781, 1.2205,
0.2789

■ 0.1667, 0.0783,
0.0000

■ 75.8256, 77.8416,
66.2868

■ 75.8256, 77.8416,
66.2868

■ 70.0678, 70.6077,
51.1666

■ 82.2757, 85.7111,
83.9446

■ 64.9694, 63.9813,
38.4603

■ 89.4370, 94.2227,
104.2462

■ 60.5038, 57.9469,
28.0410

■ 92.1680, 98.5143,
108.7651

■ 56.6398, 52.4845,
19.7681

■ 53.3431, 47.5727,
13.4853

■ 50.5753, 43.1879,
9.0147

■ 48.2914, 39.3037,
6.1461

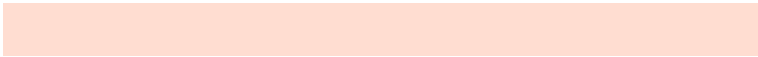
■ 46.4289, 35.8862,
4.5773

■ 46.1946, 35.4473,
4.4073

Harmonies

Analogous

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



79.1749, 77.8416, 70.8814



75.8256, 77.8416, 66.2868



72.0906, 77.8416, 66.3438

Triad

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



75.8256, 77.8416, 66.2868



67.2416, 77.8416, 90.3508



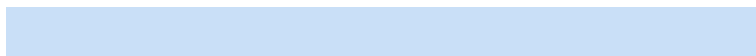
79.2419, 77.8416, 100.1278

Complementary

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



75.8256, 77.8416, 66.2868



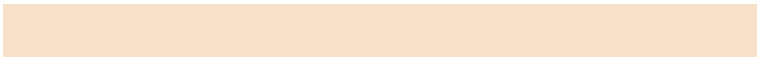
67.2632, 71.9067, 98.3305

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.



75.9146, 77.8416, 106.2944



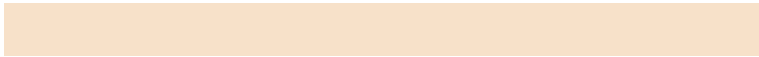
75.8256, 77.8416, 66.2868



69.0291, 77.8416, 100.3330

Square

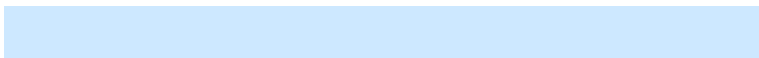
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.8256, 77.8416, 66.2868



67.2196, 77.8416, 79.6378



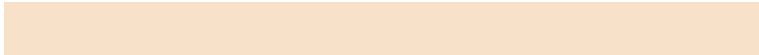
72.1766, 77.8416, 106.3725



81.1921, 77.8416, 90.0895

Rectangle

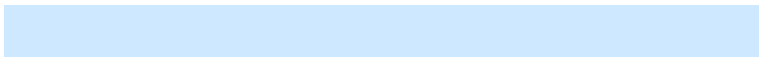
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.8256, 77.8416, 66.2868



69.8869, 77.8416, 68.9900



72.1766, 77.8416, 106.3725



78.2425, 77.8416, 102.7583

Sweetspot

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



75.8277, 77.8451, 66.2884



90.3940, 94.4742, 95.6757



72.5960, 66.8887, 79.0626



19.2432, 20.0959, 20.1839



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.



75.8277, 77.8451, 66.2884



79.3289, 80.9622, 65.4182



81.8920, 90.3743, 68.3872



17.2147, 17.9135, 17.3479



24.5739, 19.0334, 2.3786



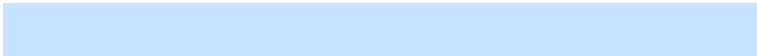
2.2627, 1.8787, 0.2434

Inverse Universe

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



67.2632, 71.9067, 98.3305



68.6982, 73.5915, 105.1915



61.9701, 61.0138, 96.5070



16.2349, 17.2340, 21.0134



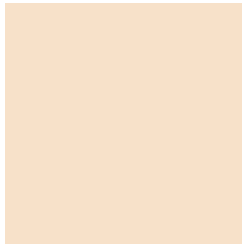
12.4520, 10.6978, 47.9466



1.1967, 1.1447, 4.2481

Previews

White Background



This preview shows how the XYZ color 75.8256, 77.8416, 66.2868 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 75.8256, 77.8416, 66.2868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

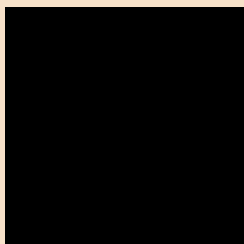
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.8256, 77.8416, 66.2868

Background



This preview shows how black text looks on a background with the XYZ color 75.8256, 77.8416, 66.2868.



This preview shows how white text looks on a background with the XYZ color 75.8256, 77.8416,

66.2868.

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

75.8256, 77.8416, 66.2868

Protanopia

74.0007, 78.1018, 67.0520

Deuteranopia

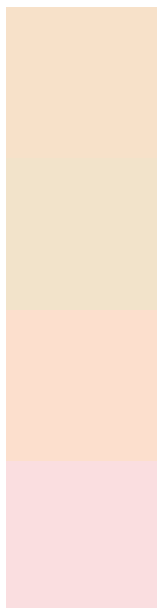
78.6238, 78.0075, 69.9445



Tritanopia

81.0241, 77.9963, 90.9051

Trichromacy



Original Color

75.8256, 77.8416, 66.2868

Protanomaly

74.7477, 78.0797, 67.0084

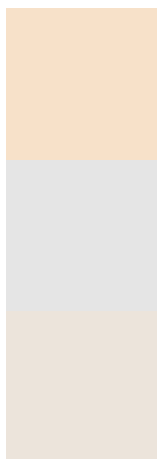
Deuteranomaly

77.5520, 77.8786, 68.7022

Tritanomaly

79.0002, 77.9484, 81.4028

Monochromacy



Original Color

75.8256, 77.8416, 66.2868

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.1217, 78.4341, 78.1978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8256, 77.8416, 66.2868 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(247, 225, 201)` looks like.

```
.text, #text, p{  
    color:rgb(247, 225, 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(247, 225, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 225, 201) }
```

Border

The CSS property to change the border of an element to XYZ 75.8256, 77.8416, 66.2868 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(247, 225, 201) }
```


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

```
.border{ border-color:rgb(247, 225, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 225, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 225, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 225, 201);  
box-shadow:4px 4px 4px 4px rgb(247, 225,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8256, 77.8416, 66.2868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 225, 201) }
```

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

```
.background{ background-color: rgb(247,  
225, 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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