

Converting Colors

XYZ(75.2757, 82.5353, 66.7110)

Have a look what the booklet for
XYZ(75.2757, 82.5353, 66.7110)
contains.

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Color

**XYZ(75.3016, 82.5714,
66.6126)**

Conversions

Conversions Part 1

Format	Color
Hex	ECEDC8
RGB	236, 237, 200
RGB Percent	93%, 93%, 78%
CMY	0.0745, 0.0706, 0.2157
CMYK	0.00, 0.00, 0.16, 0.07
HSL	62°, 51%, 86%
HSV	62°, 16%, 93%
XYZ	75.3016, 82.5714, 66.6126
YIQ	232.4830, 11.2810, -11.7190

Conversions

Conversions Part 2

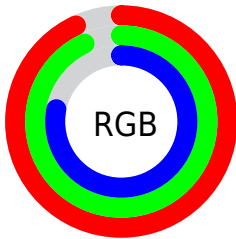
Format	Color
R_{YB}	200, 237, 201
Decimal	15527368
CIE Lab	92.83, -6.42, 17.85
CIE LCh	93, 18.969, 109.793
Yxy	82.5714, 0.3354, 0.3678
Android (android.graphics.Color)	4293717448 (0xFFEEDC8)
YUV	232.4830, -16.0141, 3.0844
Hunter-Lab	90.8688, -11.1002, 20.1448

Details

The XYZ color **75.3016, 82.5714, 66.6126** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **60.0309, 59.8427, 88.5121**, and the grayscale version is **77.1760, 81.1952, 88.4215**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5346, 44.8264, 33.7101** is the 20% darker color. If you saturate the color by 10%, you get **72.5312, 81.4414, 53.1277**, and if you desaturate by 10%, it is **78.5066, 83.8809, 82.3625**.

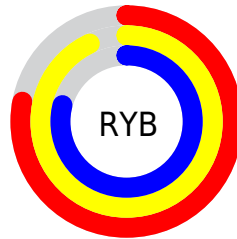
Distribution



Red (93%)

Green (93%)

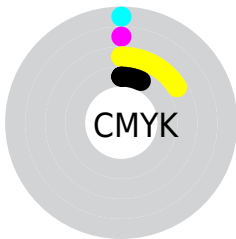
Blue (78%)



Red (78%)

Yellow (93%)

Blue (79%)

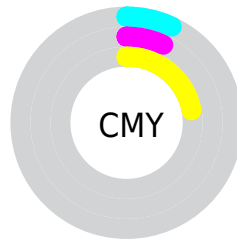


Cyan (0%)

Magenta (0%)

Yellow (16%)

Black (7%)



Cyan (7%)

Magenta (7%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3016, 82.5714, 66.6126 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 75.3016, 82.5714, 66.6126 by changing the saturation by 10% instead.

75.3016, 82.5714,
66.6126

75.3016, 82.5714,
66.6126

467.9348,
503.5570, 467.0285

56.1551, 61.8366,
48.3102

125.7248,
136.9750, 116.0005

40.5647, 44.9007,
33.7109

157.7322,
171.4126, 147.9231

28.1653, 31.3792,
22.3960

194.7573,
211.1867, 185.2229

18.5914, 20.8878,
13.9471

237.1653,
256.6816, 228.3185

11.4777, 13.0420,
7.9455

285.3217,
308.2816, 277.6282

6.4587, 7.4575,
3.9729

339.5919,

3.1693, 3.7498,

366.3713, 333.5708

1.6105

400.3411,
431.3349, 396.5647

■ 1.2439, 1.5346,
0.2983

■ 0.1406, 0.3129,
0.0000

■ 75.3016, 82.5714,
66.6126

■ 75.3016, 82.5714,
66.6126

■ 72.5312, 81.4414,
53.1277

■ 78.5066, 83.8809,
82.3625

■ 70.1691, 80.4720,
41.7987


■ 82.1581, 85.3663,
100.4693


■ 68.1962, 79.6583,
32.5153


■ 83.5730, 85.9572,
106.7944

■ 66.5894, 78.9912,
25.1556


■ 83.7895, 86.0688,
106.8045

 65.3230, 78.4604,
19.5845


 84.0067, 86.1808,
106.8147


 64.3681, 78.0542,
15.6495


 84.2247, 86.2932,
106.8249


 63.6909, 77.7592,
13.1729

 84.4435, 86.4060,
106.8351

 63.2497, 77.5587,
11.9353

 84.6631, 86.5192,
106.8454

 63.1017, 77.4890,
11.6311

 84.8834, 86.6328,
106.8557

Harmonies

Analogous

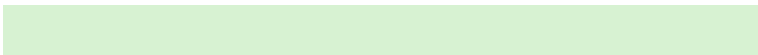
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.1810, 82.5714, 65.6517



75.3016, 82.5714, 66.6126



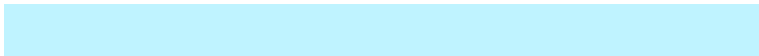
71.4325, 82.5714, 73.4272

Triad

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



75.3016, 82.5714, 66.6126



72.4943, 82.5714, 112.3801



88.2299, 82.5714, 94.8255

Complementary

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



75.3016, 82.5714, 66.6126



60.0309, 59.8427, 88.5121

Split Complementary

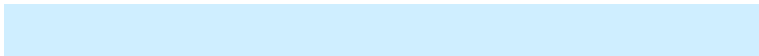
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.9799, 82.5714, 108.6829



75.3016, 82.5714, 66.6126



76.8064, 82.5714, 119.5010

Square

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



75.3016, 82.5714, 66.6126



69.8596, 82.5714, 99.4592



81.7500, 82.5714, 118.0810



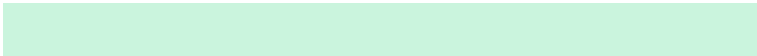
87.7855, 82.5714, 80.9854

Rectangle

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



75.3016, 82.5714, 66.6126



69.8814, 82.5714, 80.8125



81.7500, 82.5714, 118.0810



87.7600, 82.5714, 99.6578

Sweetspot

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



75.3038, 82.5750, 66.6144



92.9373, 99.1402, 98.4391



66.1504, 63.7714, 63.4673



19.8312, 21.1951, 20.7675



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.



75.3038, 82.5750, 66.6144



87.7250, 97.0143, 72.8455



69.5912, 79.6301, 66.3470



16.3091, 17.6049, 16.0572



34.4685, 42.3136, 6.3507



2.7194, 3.3292, 0.4993

Inverse Universe

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



60.0309, 59.8427, 88.5121



66.2287, 65.0184, 103.6669



65.1914, 62.5030, 88.7536



14.2690, 14.5684, 18.9822



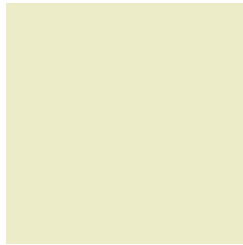
8.4072, 3.3700, 43.9503



0.6735, 0.2715, 3.4518

Previews

White Background



This preview shows how the XYZ color 75.3016, 82.5714, 66.6126 looks on a white background.

Color Contrast Check

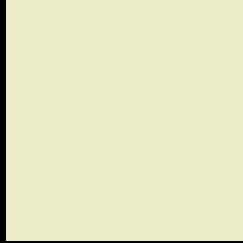
Large Text (above 18pt) WCAG AA × Fail

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 75.3016, 82.5714, 66.6126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

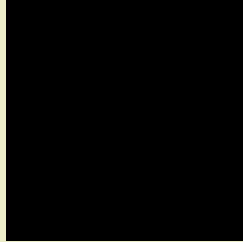
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

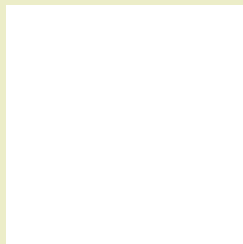
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3016, 82.5714, 66.6126

Background



This preview shows how black text looks on a background with the XYZ color 75.3016, 82.5714, 66.6126.

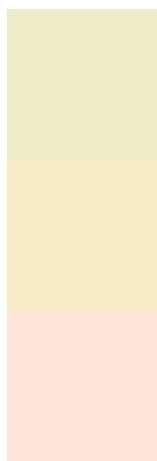


This preview shows how white text looks on a background with the XYZ color 75.3016, 82.5714,

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

75.3016, 82.5714, 66.6126

Protanopia

77.9736, 82.6970, 65.2785

Deuteranopia

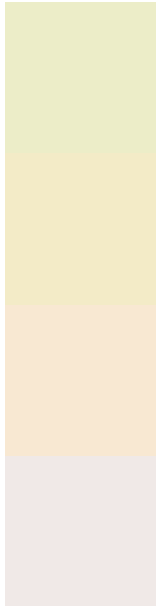
81.6540, 82.2565, 76.5392



Tritanopia

82.2022, 82.4256, 100.3841

Trichromacy



Original Color

75.3016, 82.5714, 66.6126

Protanomaly

76.9793, 82.5949, 65.9180

Deuteranomaly

79.2009, 82.3228, 72.6883

Tritanomaly

79.4979, 82.5726, 87.3494

Monochromacy



Original Color

75.3016, 82.5714, 66.6126

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.9454, 81.3366, 79.4069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3016, 82.5714, 66.6126 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(236, 237, 200)` looks like.

```
.text, #text, p{  
    color:rgb(236, 237, 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(236, 237, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 237, 200) }
```

Border

The CSS property to change the border of an element to XYZ 75.3016, 82.5714, 66.6126 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(236, 237, 200) }
```


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

```
.border{ border-color:rgb(236, 237, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 237, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 237, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 237, 200);  
box-shadow:4px 4px 4px 4px rgb(236, 237,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3016, 82.5714, 66.6126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 237, 200) }
```

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

```
.background{ background-color: rgb(236,  
237, 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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