

Converting Colors

XYZ(68.5343, 74.8669, 64.4351)

Have a look what the booklet for
XYZ(68.5343, 74.8669, 64.4351)
contains.

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Color

**XYZ(68.4026, 74.8627,
64.2708)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E3C6
RGB	224, 227, 198
RGB Percent	88%, 89%, 78%
CMY	0.1216, 0.1098, 0.2235
CMYK	0.01, 0.00, 0.13, 0.11
HSL	66°, 34%, 83%
HSV	66°, 13%, 89%
XYZ	68.4026, 74.8627, 64.2708
YIQ	222.7970, 7.5210, -9.6550

Conversions

Conversions Part 2

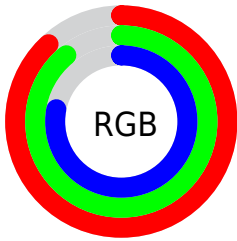
Format	Color
RYB	198, 227, 201
Decimal	14738374
CIELab	89.33, -5.93, 13.83
CIELCh	89, 15.049, 113.209
Yxy	74.8627, 0.3296, 0.3607
Android (android.graphics.Color)	4292928454 (0xFFE0E3C6)
YUV	222.7970, -12.2249, 1.0550
Hunter-Lab	86.5232, -10.2991, 16.5247

Details

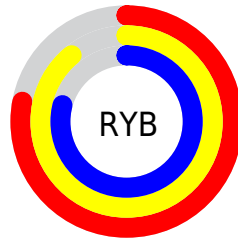
The XYZ color **68.4026, 74.8627, 64.2708** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **58.1495, 58.3537, 80.8757**, and the grayscale version is **70.0772, 73.7266, 80.2883**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.1488, 39.9537, 32.1921** is the 20% darker color. If you saturate the color by 10%, you get **65.2550, 73.5225, 51.4647**, and if you desaturate by 10%, it is **71.9569, 76.3717, 79.1475**.

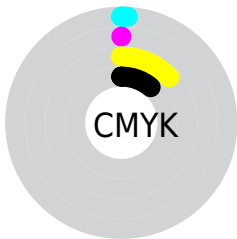
Distribution



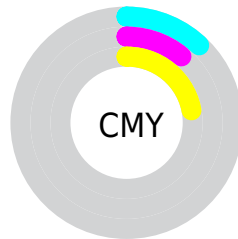
- Red (88%)
- Green (89%)
- Blue (78%)



- Red (78%)
- Yellow (89%)
- Blue (79%)



- Cyan (1%)
- Magenta (0%)
- Yellow (13%)
- Black (11%)



- Cyan (12%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.4026, 74.8627, 64.2708 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 68.4026, 74.8627, 64.2708 by changing the saturation by 10% instead.

■ 68.4026, 74.8627,
64.2708

■ 68.4026, 74.8627,
64.2708

444.2755,
477.4455, 458.4012

■ 50.5002, 55.5004,
46.4225

115.9667,
126.1180, 112.6041

■ 36.0304, 39.8025,
32.2282

146.3590,
158.7798, 143.9260

■ 24.6279, 27.3846,
21.2696

181.6454,
196.6435, 180.5763

■ 15.9273, 17.8623,
13.1281

222.1912,
240.0936, 222.9735

■ 9.5633, 10.8512,
7.3850

268.3618,
289.5145, 271.5360

■ 5.1704, 5.9668,
3.6220

320.5225,

■ 2.3834, 2.8249,

345.2905, 326.6824

1.4203

379.0386,
407.8060, 388.8313

■ 0.8368, 1.0410,
0.1575

■ 0.0000, 0.0000,
0.0000

■ 68.4026, 74.8627,
64.2708

■ 68.4026, 74.8627,
64.2708

■ 65.2550, 73.5225,
51.4647

■ 71.9569, 76.3717,
79.1475

■ 62.4905, 72.3342,
40.6326


■ 75.9280, 78.0461,
96.1759


■ 60.0923, 71.2937,
31.6778

■ 78.4937, 79.1595,
105.7500

■ 58.0402, 70.3927,
24.4931


■ 79.2582, 79.5536,
105.7858


 56.3118, 69.6223,
18.9608


 80.0329, 79.9530,
105.8220

 54.8818, 68.9724,
14.9489


 80.8179, 80.3576,
105.8588

 53.7214, 68.4315,
12.3052

 81.6131, 80.7676,
105.8960

 52.7957, 67.9856,
10.8458

 82.4188, 81.1830,
105.9337

 52.2325, 67.7065,
10.3157

 83.2349, 81.6036,
105.9719

Harmonies

Analogous

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



71.9947, 74.8627, 63.0010



68.4026, 74.8627, 64.2708



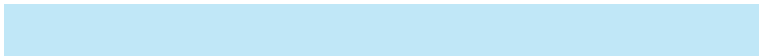
65.6374, 74.8627, 69.9688

Triad

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



68.4026, 74.8627, 64.2708



67.0007, 74.8627, 98.8416



78.4146, 74.8627, 83.9326

Complementary

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



68.4026, 74.8627, 64.2708



58.1495, 58.3537, 80.8757

Split Complementary

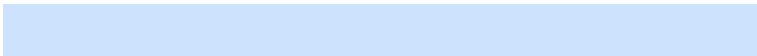
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.9729, 74.8627, 94.2613



68.4026, 74.8627, 64.2708



70.3213, 74.8627, 103.3361

Square

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



68.4026, 74.8627, 64.2708



64.8477, 74.8627, 89.7622



73.9797, 74.8627, 101.5916



77.8580, 74.8627, 73.7849

Rectangle

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



68.4026, 74.8627, 64.2708



64.5934, 74.8627, 75.7977



73.9797, 74.8627, 101.5916



78.1460, 74.8627, 87.5081

Sweetspot

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



68.4046, 74.8660, 64.2724



93.0632, 99.1605, 100.4611



62.7374, 62.1368, 62.1141



19.8415, 21.1915, 21.1740



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.



68.4046, 74.8660, 64.2724



88.0490, 97.0329, 79.5638



64.1294, 72.6620, 64.0723



15.4468, 16.7374, 15.3210



30.5189, 39.5145, 6.0186



2.2978, 2.9419, 0.4467

Inverse Universe

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



58.1495, 58.3537, 80.8757



72.5298, 72.0440, 104.6909



62.2035, 60.4437, 81.0654



13.7207, 13.9582, 18.1154



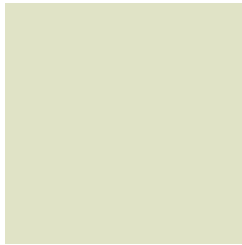
8.3449, 3.3679, 42.5934



0.6637, 0.2731, 3.1497

Previews

White Background



This preview shows how the XYZ color 68.4026, 74.8627, 64.2708 looks on a white background.

Color Contrast Check

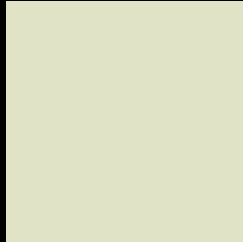
Large Text (above 18pt) WCAG AA × Fail

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 68.4026, 74.8627, 64.2708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

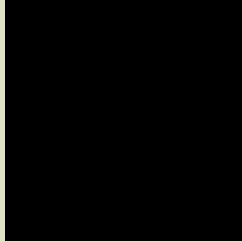
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

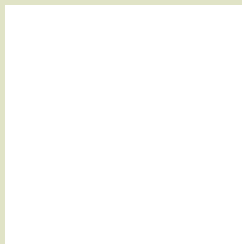
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.4026, 74.8627, 64.2708

Background



This preview shows how black text looks on a background with the XYZ color 68.4026, 74.8627, 64.2708.



This preview shows how white text looks on a background with the XYZ color 68.4026, 74.8627,

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

68.4026, 74.8627, 64.2708

Protanopia

70.8804, 74.9590, 62.9573

Deuteranopia

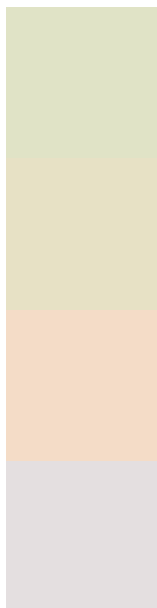
76.2212, 74.5419, 65.0143



Tritanopia

74.0696, 74.7679, 92.1891

Trichromacy



Original Color

68.4026, 74.8627, 64.2708

Protanomaly

69.9583, 74.8706, 63.5876

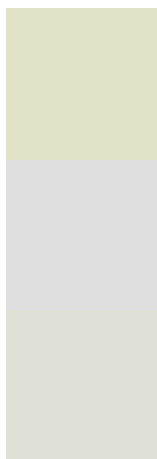
Deuteranomaly

73.2102, 74.5430, 64.5625

Tritanomaly

71.8371, 74.6512, 81.1439

Monochromacy



Original Color

68.4026, 74.8627, 64.2708

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.2247, 73.8543, 74.2251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.4026, 74.8627, 64.2708 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(224, 227, 198)` looks like.

```
.text, #text, p{  
    color:rgb(224, 227, 198)  
}
```

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(224, 227, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 227, 198) }
```

Border

The CSS property to change the border of an element to XYZ 68.4026, 74.8627, 64.2708 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(224, 227, 198) }
```


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

```
.border{ border-color:rgb(224, 227, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 227, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 227, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 227, 198);  
box-shadow:4px 4px 4px 4px rgb(224, 227,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 68.4026, 74.8627, 64.2708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 227, 198) }
```

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

```
.background{ background-color: rgb(224,  
227, 198) }
```

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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