

Converting Colors

XYZ(69.1426, 75.6473, 67.0500)

Have a look what the booklet for
XYZ(69.1426, 75.6473, 67.0500)
contains.

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Color

**XYZ(69.1445, 75.5984,
66.8248)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E4CA
RGB	224, 228, 202
RGB Percent	88%, 89%, 79%
CMY	0.1216, 0.1059, 0.2078
CMYK	0.02, 0.00, 0.11, 0.11
HSL	69°, 33%, 84%
HSV	69°, 11%, 89%
XYZ	69.1445, 75.5984, 66.8248
YIQ	223.8400, 5.9620, -8.9340

Conversions

Conversions Part 2

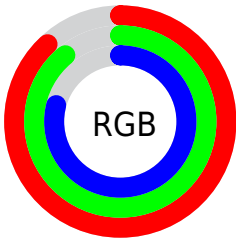
Format	Color
R_{YB}	202, 228, 206
Decimal	14738634
CIE Lab	89.67, -5.80, 12.23
CIE LCh	90, 13.536, 115.367
Yxy	75.5984, 0.3268, 0.3573
Android (android.graphics.Color)	4292928714 (0xFFE0E4CA)
YUV	223.8400, -10.7671, 0.1403
Hunter-Lab	86.9473, -10.2065, 15.2948

Details

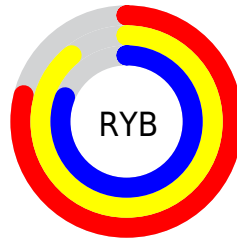
The XYZ color **69.1445, 75.5984, 66.8248** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **60.5808, 60.9665, 81.9777**, and the grayscale version is **70.8105, 74.4982, 81.1285**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6511, 40.4603, 33.8949** is the 20% darker color. If you saturate the color by 10%, you get **65.5655, 74.0448, 53.5910**, and if you desaturate by 10%, it is **73.1490, 77.3297, 82.1637**.

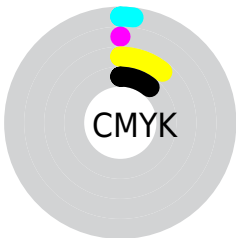
Distribution



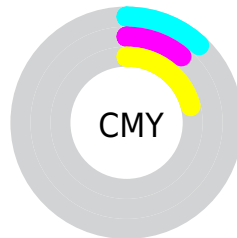
- Red (88%)
- Green (89%)
- Blue (79%)



- Red (79%)
- Yellow (89%)
- Blue (81%)



- Cyan (2%)
- Magenta (0%)
- Yellow (11%)
- Black (11%)



- Cyan (12%)
- Magenta (11%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.1445, 75.5984, 66.8248 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 69.1445, 75.5984, 66.8248 by changing the saturation by 10% instead.

69.1445, 75.5984,
66.8248

69.1445, 75.5984,
66.8248

446.8539,
479.9718, 467.8054

51.1065, 56.1033,
48.4816

117.0209,
127.1591, 116.3076

36.5147, 40.2857,
33.8457

147.5899,
159.9934, 148.2842

25.0039, 27.7614,
22.4987

183.0667,
198.0429, 185.6424

16.2087, 18.1459,
14.0220

223.8166,
241.6919, 228.8007

9.7638, 11.0548,
7.9970

270.2049,
291.3250, 278.1776

5.3037, 6.1037,
4.0053

322.5969,

2.4631, 2.9082,

347.3264, 334.1916

1.6283

381.3581,
410.0805, 397.2614

■ 0.8767, 1.0840,
0.3109

■ 0.0000, 0.0000,
0.0000

■ 69.1445, 75.5984,
66.8248

■ 69.1445, 75.5984,
66.8248

■ 65.5655, 74.0448,
53.5910

■ 73.1490, 77.3297,
82.1637

■ 62.3883, 72.6521,
42.3657

■ 77.5894, 79.2355,
99.6889

■ 59.5961, 71.4159,
33.0519

■ 79.9028, 80.2932,
105.8945

■ 57.1685, 70.3281,
25.5427

■ 81.0707, 80.8953,
105.9492

■ 55.0830, 69.3798,
19.7207

■ 82.2617, 81.5092,
106.0049

■ 53.3147, 68.5607,
15.4548

■ 83.4757, 82.1351,
106.0618

■ 51.8347, 67.8595,
12.5942

■ 84.7131, 82.7730,
106.1197

■ 50.6086, 67.2624,
10.9588

■ 85.9738, 83.4229,
106.1787

■ 49.7091, 66.8129,
10.2762

■ 87.0350, 83.9699,
106.2283

Harmonies

Analogous

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



72.3727, 75.5984, 65.3487



69.1445, 75.5984, 66.8248



66.7111, 75.5984, 72.3215

Triad

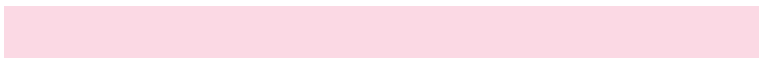
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.1445, 75.5984, 66.8248



68.2746, 75.5984, 98.3503



78.4298, 75.5984, 83.8047

Complementary

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



69.1445, 75.5984, 66.8248



60.5808, 60.9665, 81.9777

Split Complementary

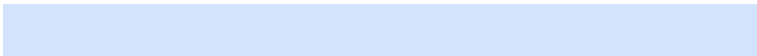
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.2547, 75.5984, 93.1865



69.1445, 75.5984, 66.8248



71.3378, 75.5984, 101.9870

Square

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



69.1445, 75.5984, 66.8248



66.2199, 75.5984, 90.4261



74.6334, 75.5984, 100.0284



77.7990, 75.5984, 74.7018

Rectangle

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



69.1445, 75.5984, 66.8248



65.8325, 75.5984, 77.7655



74.6334, 75.5984, 100.0284



78.2319, 75.5984, 87.0361

Sweetspot

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



69.1465, 75.6017, 66.8264



93.4104, 99.2943, 102.5216



64.7054, 64.8549, 64.9862



19.9017, 21.2134, 21.5882



0.0000, 0.0000, 0.0000



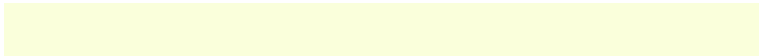
20.3446, 21.4041, 23.3091

Same Dimension

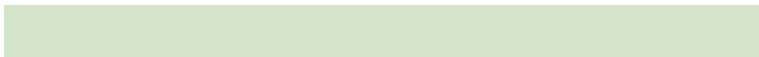
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.1465, 75.6017, 66.8264



87.8317, 96.8823, 81.2960



65.2994, 73.6184, 66.6464



15.3721, 16.6989, 15.3175



28.7841, 38.6202, 5.9374



2.1862, 2.8844, 0.4415

Inverse Universe

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



60.5808, 60.9665, 81.9777



74.4484, 74.0149, 104.9702



64.3100, 62.8889, 82.1522



13.7885, 13.9932, 18.1186



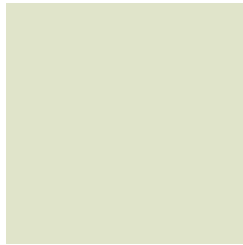
8.5513, 3.4742, 42.6031



0.6959, 0.2897, 3.1512

Previews

White Background



This preview shows how the XYZ color 69.1445, 75.5984, 66.8248 looks on a white background.

Color Contrast Check

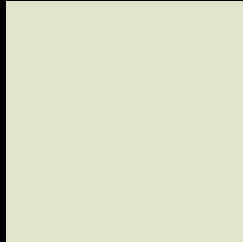
Large Text (above 18pt) WCAG AA × Fail

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 69.1445, 75.5984, 66.8248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

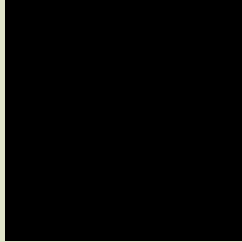
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

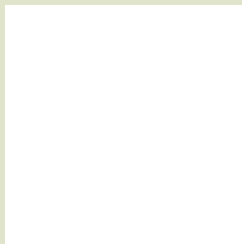
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.1445, 75.5984, 66.8248

Background



This preview shows how black text looks on a background with the XYZ color 69.1445, 75.5984, 66.8248.



This preview shows how white text looks on a background with the XYZ color 69.1445, 75.5984,

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

69.1445, 75.5984, 66.8248

Protanopia

71.6115, 75.6827, 65.4775

Deuteranopia

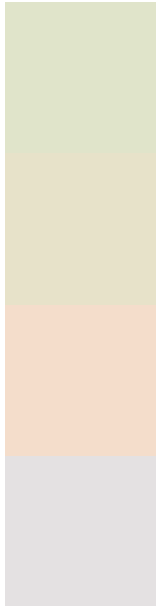
76.9519, 75.2453, 67.5947



Tritanopia

74.7490, 75.8896, 93.1465

Trichromacy



Original Color

69.1445, 75.5984, 66.8248

Protanomaly

70.6940, 75.5987, 66.1244

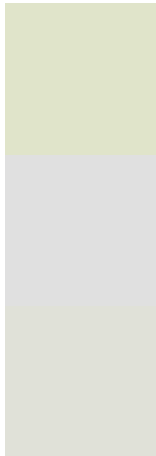
Deuteranomaly

73.9442, 75.2578, 67.1288

Tritanomaly

72.6476, 75.8354, 82.7603

Monochromacy



Original Color

69.1445, 75.5984, 66.8248

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.0604, 74.6556, 75.6831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1445, 75.5984, 66.8248 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, 228, 202) looks like.

```
.text, #text, p{  
    color:rgb(224, 228, 202)  
}
```

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, 228, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 228, 202) }
```

Border

The CSS property to change the border of an element to XYZ 69.1445, 75.5984, 66.8248 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, 228, 202) }
```


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

```
.border{ border-color:rgb(224, 228, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 228, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 228, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 228, 202);  
box-shadow:4px 4px 4px 4px rgb(224, 228,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1445, 75.5984, 66.8248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 228, 202) }
```

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

```
.background{ background-color: rgb(224,  
228, 202) }
```

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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