

Converting Colors

XYZ(67.1972, 75.4624, 27.5193)

Have a look what the booklet for
XYZ(67.1972, 75.4624, 27.5193)
contains.

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Color

**XYZ(67.1714, 75.4485,
27.5457)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E474
RGB	241, 228, 116
RGB Percent	95%, 89%, 45%
CMY	0.0549, 0.1059, 0.5451
CMYK	0.00, 0.05, 0.52, 0.05
HSL	54°, 82%, 70%
HSV	54°, 52%, 95%
XYZ	67.1714, 75.4485, 27.5457
YIQ	219.1190, 43.7000, -32.0760

Conversions

Conversions Part 2

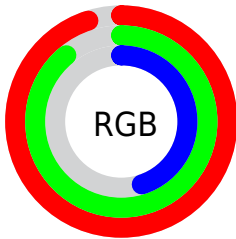
Format	Color
RYB	131, 241, 116
Decimal	15852660
CIELab	89.60, -9.82, 55.58
CIELCh	90, 56.442, 100.016
Yxy	75.4485, 0.3947, 0.4434
Android (android.graphics.Color)	4294042740 (0xFFFF1E474)
YUV	219.1190, -50.8377, 19.1896
Hunter-Lab	86.8611, -13.9693, 42.0005

Details

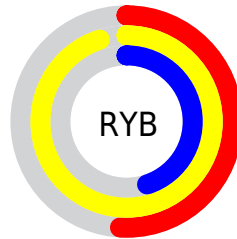
The XYZ color **67.1714, 75.4485, 27.5457** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **30.9298, 25.7637, 86.5615**, and the grayscale version is **67.7368, 71.2644, 77.6069**.

A 20% lighter version of the original color is **84.3507, 95.7203, 52.5582**, and **35.3692, 40.3133, 10.6197** is the 20% darker color. If you saturate the color by 10%, you get **65.2639, 73.5935, 20.8682**, and if you desaturate by 10%, it is **69.4561, 77.4759, 36.1445**.

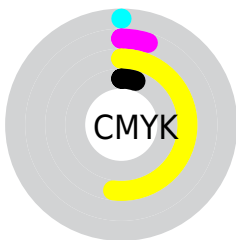
Distribution



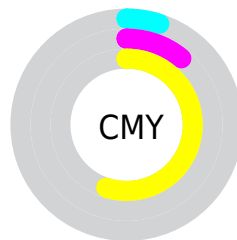
- Red (95%)
- Green (89%)
- Blue (45%)



- Red (51%)
- Yellow (95%)
- Blue (45%)



- Cyan (0%)
- Magenta (5%)
- Yellow (52%)
- Black (5%)





- Cyan (5%)
- Magenta (11%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.1714, 75.4485, 27.5457 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 67.1714, 75.4485, 27.5457 by changing the saturation by 10% instead.


 67.1714, 75.4485,
27.5457


 67.1714, 75.4485,
27.5457


439.9775,
479.4577, 304.1330


 49.4951, 55.9804,
17.7474


 114.2144,
126.9470, 56.7726

 35.2286, 40.1872,
10.6012


 144.3119,
159.7462, 77.0384

 24.0063, 27.6845,
5.6886


 179.2805,
197.7580, 101.6304

 15.4631, 18.0880,
2.5910

219.4855,
241.3666, 130.9672

 9.2335, 11.0132,
0.8878

265.2924,
290.9564, 165.4673

 4.9521, 6.0757,
0.0000

317.0664,

 2.2536, 2.8912,

346.9120, 205.5493

0.0000

375.1730,
409.6176, 251.6317

■ 0.7708, 1.0752,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.1714, 75.4485,
27.5457

■ 67.1714, 75.4485,
27.5457

■ 65.2639, 73.5935,
20.8682

■ 69.4561, 77.4759,
36.1445

■ 63.6995, 71.8889,
15.9560


■ 72.1383, 79.6756,
46.7950


■ 62.4468, 70.3247,
12.6365


■ 75.2433, 82.0605,
59.6219


■ 61.4659, 68.8851,
10.7000


■ 78.7925, 84.6393,
74.7384


 60.8180, 67.7857,
9.8785

 82.8060, 87.4201,
92.2500

 86.3873, 90.0443,
107.4349

 87.1423, 91.5543,
107.6866

 87.9076, 93.0849,
107.9417

 88.6832, 94.6360,
108.2002

Harmonies

Analogous

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



81.2204, 75.4485, 29.2376



67.1714, 75.4485, 27.5457



55.8900, 75.4485, 36.4311

Triad

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



67.1714, 75.4485, 27.5457



53.1597, 75.4485, 141.7175



99.8166, 75.4485, 111.1251

Complementary

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



67.1714, 75.4485, 27.5457



30.9298, 25.7637, 86.5615

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.



90.2683, 75.4485, 155.6536



67.1714, 75.4485, 27.5457



62.9754, 75.4485, 176.8981

Square

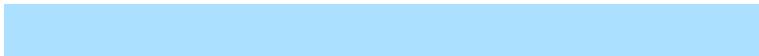
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.1714, 75.4485, 27.5457



48.5189, 75.4485, 96.1669



76.4518, 75.4485, 182.6899



101.3198, 75.4485, 69.5670

Rectangle

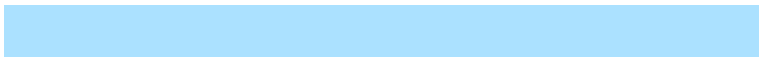
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.1714, 75.4485, 27.5457



50.9983, 75.4485, 49.5788



76.4518, 75.4485, 182.6899



97.3881, 75.4485, 126.5530

Sweetspot

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



67.1732, 75.4520, 27.5472



87.8251, 94.9691, 77.4543



46.5900, 32.8197, 25.2052



18.6204, 20.1979, 15.8216



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.



67.1732, 75.4520, 27.5472



74.1325, 83.6001, 23.5141



56.6216, 75.5199, 28.1165



16.9743, 18.1618, 16.7607



33.0393, 36.8766, 5.3765



2.7886, 3.1479, 0.4606

Inverse Universe

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



30.9298, 25.7637, 86.5615



28.9116, 21.6409, 97.2610



37.4159, 26.7262, 86.4054



15.0295, 15.4931, 19.9199



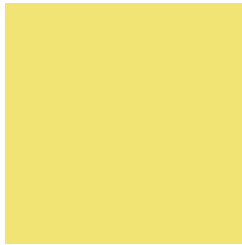
8.8442, 3.9126, 45.4169



0.7796, 0.4131, 3.7929

Previews

White Background



This preview shows how the XYZ color 67.1714, 75.4485, 27.5457 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 67.1714, 75.4485, 27.5457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

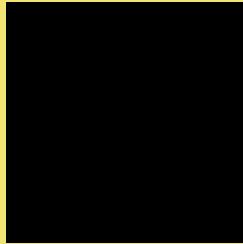
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.1714, 75.4485, 27.5457

Background



This preview shows how black text looks on a background with the XYZ color 67.1714, 75.4485, 27.5457.



This preview shows how white text looks on a background with the XYZ color 67.1714, 75.4485,

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

67.1714, 75.4485, 27.5457

Protanopia

69.0866, 75.2280, 27.0988

Deuteranopia

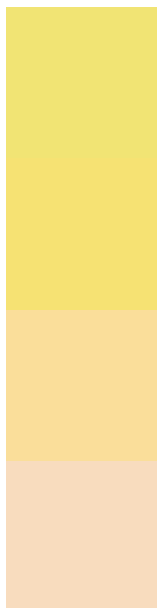
74.4080, 75.0576, 51.6401



Tritanopia

79.0108, 75.1225, 86.6797

Trichromacy



Original Color

67.1714, 75.4485, 27.5457

Protanomaly

68.2969, 75.2233, 27.1396

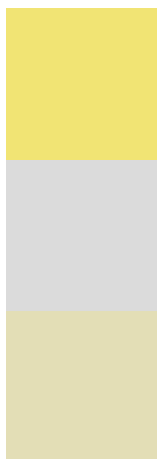
Deuteranomaly

71.3784, 74.8996, 41.2669

Tritanomaly

73.5989, 74.8606, 59.2857

Monochromacy



Original Color

67.1714, 75.4485, 27.5457

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.2433, 71.9508, 54.6525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1714, 75.4485, 27.5457 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(241, 228, 116)` looks like.

```
.text, #text, p{  
    color:rgb(241, 228, 116)  
}
```

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(241, 228, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 228, 116) }
```

Border

The CSS property to change the border of an element to XYZ 67.1714, 75.4485, 27.5457 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(241, 228, 116) }
```


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

```
.border{ border-color:rgb(241, 228, 116) }
```

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

Here you see how a box with a 4 pixel rgb(241, 228, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 228, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 228, 116);  
box-shadow:4px 4px 4px 4px rgb(241, 228,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1714, 75.4485, 27.5457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 228, 116) }
```

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

```
.background{ background-color: rgb(241,  
228, 116) }
```

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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