

Converting Colors

XYZ(66.4563, 71.2653, 37.4489)

Have a look what the booklet for
XYZ(66.4563, 71.2653, 37.4489)
contains.

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Color

**XYZ(66.4550, 71.2636,
37.4468)**

Conversions

Conversions Part 1

Format	Color
Hex	F0DB92
RGB	240, 219, 146
RGB Percent	94%, 86%, 57%
CMY	0.0588, 0.1412, 0.4274
CMYK	0.00, 0.09, 0.39, 0.06
HSL	47°, 76%, 76%
HSV	47°, 39%, 94%
XYZ	66.4550, 71.2636, 37.4468
YIQ	216.9570, 35.9490, -18.2510

Conversions

Conversions Part 2

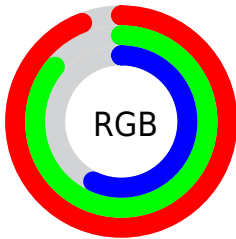
Format	Color
R _Y B	173, 240, 146
Decimal	15784850
CIE Lab	87.61, -2.83, 38.52
CIE LCh	88, 38.622, 94.200
Yxy	71.2636, 0.3794, 0.4068
Android (android.graphics.Color)	4293974930 (0xFFFF0DB92)
YUV	216.9570, -34.9818, 20.2087
Hunter-Lab	84.4178, -7.2131, 32.7920

Details

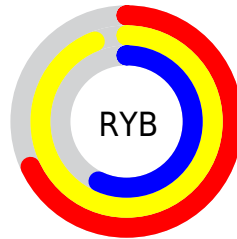
The XYZ color **66.4550, 71.2636, 37.4468** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.4006, 40.0385, 87.9842**, and the grayscale version is **66.1403, 69.5847, 75.7778**.

A 20% lighter version of the original color is **87.5426, 96.9970, 69.3667**, and **34.8243, 37.4264, 15.9782** is the 20% darker color. If you saturate the color by 10%, you get **63.4052, 67.8445, 28.1666**, and if you desaturate by 10%, it is **69.9453, 74.9361, 48.8089**.

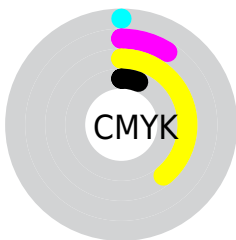
Distribution



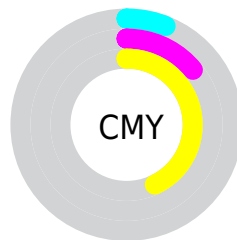
- Red (94%)
- Green (86%)
- Blue (57%)



- Red (68%)
- Yellow (94%)
- Blue (57%)



- Cyan (0%)
- Magenta (9%)
- Yellow (39%)
- Black (6%)



- Cyan (6%)
- Magenta (14%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4550, 71.2636, 37.4468 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 66.4550, 71.2636, 37.4468 by changing the saturation by 10% instead.

66.4550, 71.2636,
37.4468

66.4550, 71.2636,
37.4468

437.4654,
464.9744, 350.4677

48.9109, 52.5573,
25.2551

113.1932,
121.0090, 72.4534

34.7631, 37.4495,
16.0465

143.1181,
152.8169, 96.1054

23.6461, 25.5557,
9.4023

177.9007,
189.7608, 124.4147

15.1946, 16.4916,
4.9042

217.9062,
232.2252, 157.7996

9.0433, 9.8727,
2.1334

263.5001,
280.5943, 196.6789

4.8268, 5.3146,
0.6355

315.0477,

2.1797, 2.4330,

335.2526, 241.4709

0.0000

372.9143,
396.5845, 292.5943

■ 0.7320, 0.8428,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.4550, 71.2636,
37.4468

■ 66.4550, 71.2636,
37.4468

■ 63.4052, 67.8445,
28.1666

■ 69.9453, 74.9361,
48.8089

■ 60.7655, 64.6583,
20.8334


■ 73.8938, 78.8620,
62.3675


■ 58.5096, 61.6963,
15.3038


■ 78.3236, 83.0538,
78.2341


■ 56.6058, 58.9452,
11.4120


■ 83.2544, 87.5200,
96.5112


 55.0163, 56.3892,
8.9619

 86.8824, 91.5397,
107.6975

 53.6835, 54.0044,
7.6520

 88.5348, 94.8444,
108.2483

 53.5779, 53.8108,
7.5627

 89.7452, 97.2653,
108.6517

Harmonies

Analogous

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



75.6735, 71.2636, 40.5311



66.4550, 71.2636, 37.4468



58.3289, 71.2636, 42.9692

Triad

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



66.4550, 71.2636, 37.4468



54.2148, 71.2636, 109.4586



84.8186, 71.2636, 101.6231

Complementary

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



66.4550, 71.2636, 37.4468



41.4006, 40.0385, 87.9842

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.



78.0991, 71.2636, 127.1044



66.4550, 71.2636, 37.4468



60.3701, 71.2636, 132.2956

Square

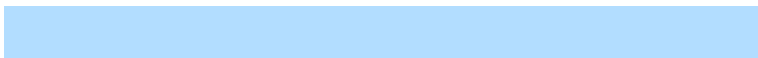
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.4550, 71.2636, 37.4468



51.6766, 71.2636, 81.3386



69.0291, 71.2636, 139.3852



86.8143, 71.2636, 73.9660

Rectangle

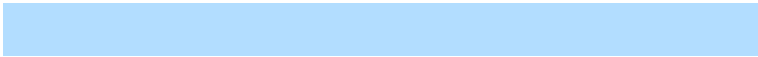
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.4550, 71.2636, 37.4468



54.4577, 71.2636, 51.7212



69.0291, 71.2636, 139.3852



83.0095, 71.2636, 110.9126

Sweetspot

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



66.4568, 71.2669, 37.4483



88.3672, 93.9003, 84.2729



53.2762, 41.9084, 42.2952



18.7693, 19.9623, 17.5160



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.



66.4568, 71.2669, 37.4483



73.4311, 78.6282, 34.2836



64.3535, 78.8326, 39.0195



16.8060, 17.8252, 16.7045



29.4331, 29.6643, 4.1745



2.5212, 2.6132, 0.3715

Inverse Universe

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



41.4006, 40.0385, 87.9842



40.9717, 38.1951, 99.8207



42.8169, 35.5153, 87.0365



15.1836, 15.8012, 19.9713



9.4030, 5.0302, 45.6032



0.8542, 0.5625, 3.8178

Previews

White Background



This preview shows how the XYZ color 66.4550, 71.2636, 37.4468 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 66.4550, 71.2636, 37.4468 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 66.4550, 71.2636, 37.4468

Background



This preview shows how black text looks on a background with the XYZ color 66.4550, 71.2636, 37.4468.



This preview shows how white text looks on a background with the XYZ color 66.4550, 71.2636,

37.4468.

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

66.4550, 71.2636, 37.4468

Protanopia

66.0414, 71.4389, 37.5025

Deuteranopia

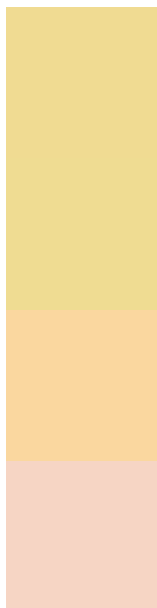
71.6664, 71.1001, 46.0229



Tritanopia

75.4580, 71.1769, 80.9956

Trichromacy



Original Color

66.4550, 71.2636, 37.4468

Protanomaly

66.3781, 71.6124, 37.5182

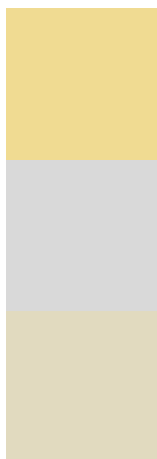
Deuteranomaly

69.9828, 71.4281, 42.8994

Tritanomaly

71.7641, 71.1669, 62.1788

Monochromacy



Original Color

66.4550, 71.2636, 37.4468

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.5267, 69.9119, 59.3309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4550, 71.2636, 37.4468 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(240, 219, 146)` looks like.

```
.text, #text, p{  
    color:rgb(240, 219, 146)  
}
```

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(240, 219, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 219, 146) }
```

Border

The CSS property to change the border of an element to XYZ 66.4550, 71.2636, 37.4468 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(240, 219, 146) }
```


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

```
.border{ border-color:rgb(240, 219, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 219, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 219, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 219, 146);  
box-shadow:4px 4px 4px 4px rgb(240, 219,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4550, 71.2636, 37.4468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 219, 146) }
```

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

```
.background{ background-color: rgb(240,  
219, 146) }
```

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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