

Converting Colors

XYZ(71.0124, 75.3241, 30.5349)

Have a look what the booklet for XYZ(71.0124, 75.3241, 30.5349) contains.

XYZ(71.0266, 75.3525, 30.5397) 3

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Color

**XYZ(71.0266, 75.3525,
30.5397)**

Conversions

Conversions Part 1

Format	Color
Hex	FEDF7E
RGB	254, 223, 126
RGB Percent	100%, 87%, 49%
CMY	0.0039, 0.1255, 0.5059
CMYK	0.00, 0.12, 0.50, 0.00
HSL	45°, 98%, 75%
HSV	45°, 50%, 100%
XYZ	71.0266, 75.3525, 30.5397
YIQ	221.2110, 49.6130, -23.5950

Conversions

Conversions Part 2

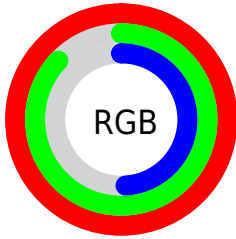
Format	Color
RYB	167, 254, 126
Decimal	16703358
CIELab	89.56, -1.26, 51.08
CIELCh	90, 51.094, 91.414
Yxy	75.3525, 0.4015, 0.4259
Android (android.graphics.Color)	4294893438 (0xFFFE7E)
YUV	221.2110, -46.9390, 28.7560
Hunter-Lab	86.8058, -5.8572, 39.9049

Details

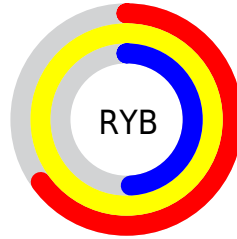
The XYZ color **71.0266, 75.3525, 30.5397** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **38.5502, 35.7041, 98.6254**, and the grayscale version is **69.1722, 72.7746, 79.2515**.

A 20% lighter version of the original color is **85.2382, 96.0753, 57.2319**, and **37.7443, 40.1018, 12.2296** is the 20% darker color. If you saturate the color by 10%, you get **67.9783, 71.5542, 22.4387**, and if you desaturate by 10%, it is **74.5543, 79.4437, 40.8547**.

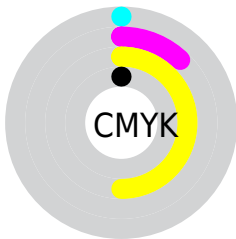
Distribution



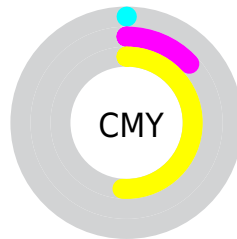
- Red (100%)
- Green (87%)
- Blue (49%)



- Red (65%)
- Yellow (100%)
- Blue (49%)



- Cyan (0%)
- Magenta (12%)
- Yellow (50%)
- Black (0%)





- Cyan (0%)
- Magenta (13%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.0266, 75.3525, 30.5397 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 71.0266, 75.3525, 30.5397 by changing the saturation by 10% instead.


 71.0266, 75.3525,
30.5397

 71.0266, 75.3525,
30.5397


453.3568,
479.1283, 318.6973


 52.6465, 55.9017,
19.9931


 119.6899,
126.8112, 61.5857

 37.7470, 40.1241,
12.2060


 150.7038,
159.5879, 82.9222

 25.9627, 27.6353,
6.7599


 186.6598,
197.5754, 108.6923

 16.9283, 18.0510,
3.2362

227.9231,
241.1581, 139.3147

 10.2784, 10.9866,
1.2165

274.8590,
290.7203, 175.2078

 5.6476, 6.0578,
0.0000

327.8331,

 2.6706, 2.8803,

346.6465, 216.7903

0.0000

387.2106,
409.3210, 264.4806

■ 0.9821, 1.0695,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.0266, 75.3525,
30.5397

■ 71.0266, 75.3525,
30.5397

■ 67.9783, 71.5542,
22.4387

■ 74.5543, 79.4437,
40.8547

■ 65.3711, 68.0241,
16.3776

■ 78.5854, 83.8300,
53.5309

■ 63.1695, 64.7497,
12.1639

■ 83.1485, 88.5265,
68.7080

■ 61.3288, 61.7121,
9.5655

■ 88.2684, 93.5441,
86.5136

■ 59.8317, 58.9883,
8.2324

93.9681, 98.8930,
107.0664

94.6829, 99.8108,
108.8828

Harmonies

Analogous

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



83.7966, 75.3525, 35.0972



71.0266, 75.3525, 30.5397



59.7660, 75.3525, 36.0741

Triad

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



71.0266, 75.3525, 30.5397



52.9390, 75.3525, 123.5902



94.9652, 75.3525, 119.7501

Complementary

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



71.0266, 75.3525, 30.5397



38.5502, 35.7041, 98.6254

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.



84.9468, 75.3525, 156.2770



71.0266, 75.3525, 30.5397



60.6846, 75.3525, 158.9116

Square

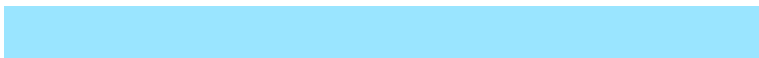
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.0266, 75.3525, 30.5397



50.1059, 75.3525, 83.7629



72.2173, 75.3525, 172.3284



98.5504, 75.3525, 80.3528

Rectangle

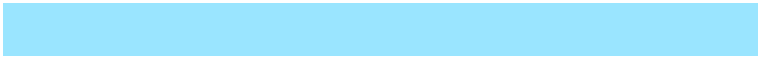
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.0266, 75.3525, 30.5397



54.3670, 75.3525, 46.0539



72.2173, 75.3525, 172.3284



92.1847, 75.3525, 133.1308

Sweetspot

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



71.0284, 75.3560, 30.5412



86.6081, 92.0091, 78.6701



54.5059, 38.4619, 36.8998



18.3063, 19.4663, 16.0362



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.



71.0284, 75.3560, 30.5412



68.6974, 72.3376, 22.9122



69.3321, 87.9195, 33.0556



19.1667, 20.3015, 19.0527



31.6652, 31.3415, 4.3806



3.1680, 3.2213, 0.4548

Inverse Universe

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



38.5502, 35.7041, 98.6254



32.7690, 28.5237, 98.3863



39.4515, 29.3475, 97.3509



17.3601, 18.0919, 22.8271



10.4206, 5.7508, 49.9954



1.0954, 0.7214, 4.8948

Previews

White Background



This preview shows how the XYZ color 71.0266, 75.3525, 30.5397 looks on a white background.

Color Contrast Check

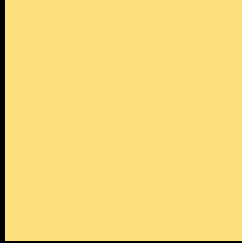
Large Text (above 18pt) WCAG AA × Fail

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 71.0266, 75.3525, 30.5397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

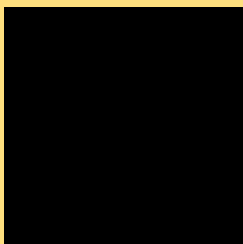
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

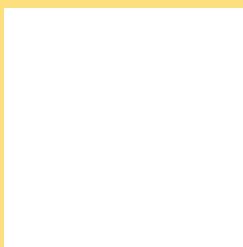
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.0266, 75.3525, 30.5397

Background



This preview shows how black text looks on a background with the XYZ color 71.0266, 75.3525, 30.5397.



This preview shows how white text looks on a background with the XYZ color 71.0266, 75.3525,

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

71.0266, 75.3525, 30.5397

Protanopia

69.1138, 75.1569, 30.9427

Deuteranopia

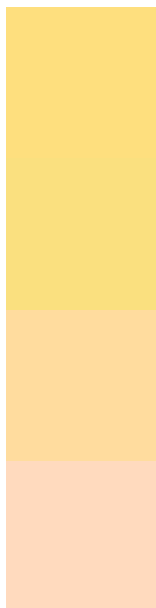
74.5073, 75.0974, 52.1633



Tritanopia

79.4056, 75.4069, 83.0429

Trichromacy



Original Color

71.0266, 75.3525, 30.5397

Protanomaly

69.9108, 75.1676, 30.9028

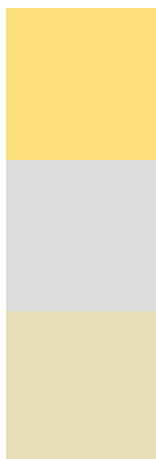
Deuteranomaly

73.0048, 74.9150, 42.9600

Tritanomaly

75.6057, 75.1205, 59.2301

Monochromacy



Original Color

71.0266, 75.3525, 30.5397

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.5885, 73.1114, 56.9513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0266, 75.3525, 30.5397 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(254, 223, 126)` looks like.

```
.text, #text, p{  
    color:rgb(254, 223, 126)  
}
```

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(254, 223, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 223, 126) }
```

Border

The CSS property to change the border of an element to XYZ 71.0266, 75.3525, 30.5397 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(254, 223, 126) }
```


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

```
.border{ border-color:rgb(254, 223, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 223, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 223, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 223, 126);  
box-shadow:4px 4px 4px 4px rgb(254, 223,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0266, 75.3525, 30.5397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 223, 126) }
```

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

```
.background{ background-color: rgb(254,  
223, 126) }
```

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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