

Converting Colors

XYZ(76.1445, 86.0252, 29.1143)

Have a look what the booklet for
XYZ(76.1445, 86.0252, 29.1143)
contains.

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Color

**XYZ(76.1445, 86.0252,
29.1143)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF274
RGB	255, 242, 116
RGB Percent	100%, 95%, 45%
CMY	0.0000, 0.0510, 0.5451
CMYK	0.00, 0.05, 0.55, 0.00
HSL	54°, 100%, 73%
HSV	54°, 55%, 100%
XYZ	76.1445, 86.0252, 29.1143
YIQ	231.5230, 48.1940, -36.4300

Conversions

Conversions Part 2

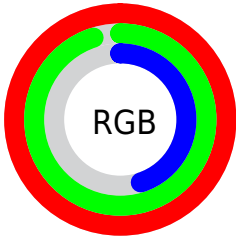
Format	Color
R _Y B	130, 255, 116
Decimal	16773748
CIE Lab	94.32, -11.15, 61.36
CIE LCh	94, 62.370, 100.302
Yxy	86.0252, 0.3981, 0.4497
Android (android.graphics.Color)	4294963828 (0xFFFFF274)
YUV	231.5230, -56.9528, 20.5893
Hunter-Lab	92.7498, -15.7695, 46.3136

Details

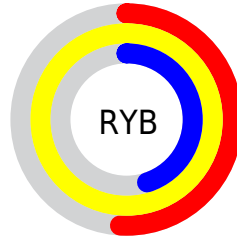
The XYZ color **76.1445, 86.0252, 29.1143** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **33.1026, 26.6328, 98.0032**, and the grayscale version is **76.7339, 80.7300, 87.9150**.

A 20% lighter version of the original color is **84.3507, 95.7203, 52.5582**, and **41.1934, 47.2014, 11.4971** is the 20% darker color. If you saturate the color by 10%, you get **74.1560, 84.1052, 22.1111**, and if you desaturate by 10%, it is **78.5534, 88.1346, 38.2677**.

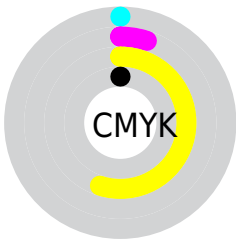
Distribution



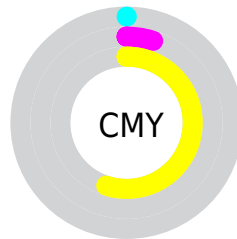
- Red (100%)
- Green (95%)
- Blue (45%)



- Red (51%)
- Yellow (100%)
- Blue (45%)



- Cyan (0%)
- Magenta (5%)
- Yellow (55%)
- Black (0%)



- Cyan (0%)
- Magenta (5%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.1445, 86.0252, 29.1143 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 76.1445, 86.0252, 29.1143 by changing the saturation by 10% instead.


 76.1445, 86.0252,
29.1143


 76.1445, 86.0252,
29.1143


470.7790,
515.0143, 311.8317


 56.8485, 64.6888,
18.9210


 126.9104,
141.8047, 59.3030

 41.1233, 47.2088,
11.4370


 159.1110,
177.0165, 80.1354

 28.6035, 33.2007,
6.2437


 196.3438,
217.6223, 105.3513

 18.9239, 22.2803,
2.9226

238.9743,
264.0064, 135.3693

 11.7190, 14.0630,
1.0553

287.3676,
316.5533, 170.6077

 6.6234, 8.1645,
0.0000

341.8893,

 3.2720, 4.2004,

375.6473, 211.4852

0.0000

402.9046,
441.6729, 258.4204

■ 1.2992, 1.7863,
0.0000

■ 0.1826, 0.4786,
0.0000

■ 76.1445, 86.0252,
29.1143

■ 76.1445, 86.0252,
29.1143

■ 74.1560, 84.1052,
22.1111

■ 78.5534, 88.1346,
38.2677

■ 72.5476, 82.3487,
17.0728


■ 81.4069, 90.4334,
49.7257


■ 71.2815, 80.7439,
13.7917

■ 84.7346, 92.9369,
63.6348

■ 70.3088, 79.2710,
12.0108

■ 88.5617, 95.6551,
80.1276

 69.8614, 78.5031,
11.4705

 92.9116, 98.5974,
99.3274

95.0498, 99.9999,
108.9000

Harmonies

Analogous

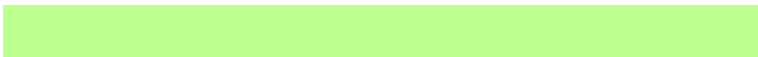
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.0946, 86.0252, 30.9436



76.1445, 86.0252, 29.1143



62.6702, 86.0252, 39.5053

Triad

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



76.1445, 86.0252, 29.1143



59.6010, 86.0252, 166.7975



115.9481, 86.0252, 128.2813

Complementary

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



76.1445, 86.0252, 29.1143



33.1026, 26.6328, 98.0032

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.



104.3893, 86.0252, 182.9718



76.1445, 86.0252, 29.1143



71.3929, 86.0252, 209.9489

Square

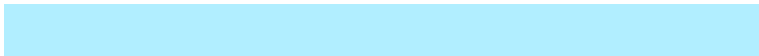
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.1445, 86.0252, 29.1143



54.0199, 86.0252, 111.1304



87.6542, 86.0252, 216.7100



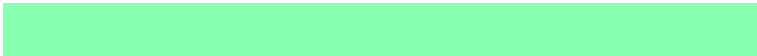
117.6781, 86.0252, 78.1359

Rectangle

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



76.1445, 86.0252, 29.1143



56.8810, 86.0252, 55.0331



87.6542, 86.0252, 216.7100



113.0156, 86.0252, 147.1310

Sweetspot

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



76.1465, 86.0292, 29.1161



87.9585, 95.2360, 77.4988



51.5084, 35.3606, 25.1956



18.6525, 20.2623, 15.8324



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

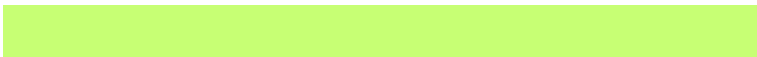
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.1465, 86.0292, 29.1161



74.0687, 84.0154, 21.8191



62.5722, 84.9778, 29.6286



19.4075, 20.7832, 19.1330



36.5639, 41.1391, 6.0135



3.6007, 4.0867, 0.5990

Inverse Universe

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



33.1026, 26.6328, 98.0032



27.2194, 19.4072, 96.9191



41.2218, 28.4373, 97.9236



17.1395, 17.6507, 22.7535



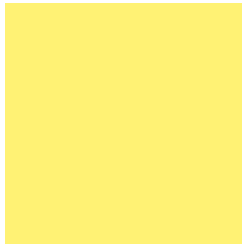
9.6458, 4.2012, 49.7371



0.9830, 0.4967, 4.8573

Previews

White Background



This preview shows how the XYZ color 76.1445, 86.0252, 29.1143 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 76.1445, 86.0252, 29.1143 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 76.1445, 86.0252, 29.1143

Background



This preview shows how black text looks on a background with the XYZ color 76.1445, 86.0252, 29.1143.



This preview shows how white text looks on a background with the XYZ color 76.1445, 86.0252,

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

76.1445, 86.0252, 29.1143

Protanopia

79.7465, 86.0490, 52.4504

Deuteranopia

83.3731, 86.1059, 75.8442



Tritanopia

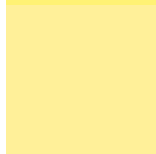
86.5566, 86.0089, 96.8334

Trichromacy



Original Color

76.1445, 86.0252, 29.1143



Protanomaly

78.1499, 85.8801, 42.5946



Deuteranomaly

79.8504, 85.6234, 54.4379



Tritanomaly

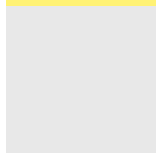
81.3135, 85.2821, 64.9987

Monochromacy



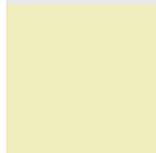
Original Color

76.1445, 86.0252, 29.1143



Achromatopsia

76.7008, 80.6952, 87.8771



Achromatomaly

75.2249, 82.2339, 60.6231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1445, 86.0252, 29.1143 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(255, 242, 116)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 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(255, 242, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 116) }
```

Border

The CSS property to change the border of an element to XYZ 76.1445, 86.0252, 29.1143 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(255, 242, 116) }
```


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

```
.border{ border-color:rgb(255, 242, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 242, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 116);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1445, 86.0252, 29.1143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 242, 116) }
```

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

```
.background{ background-color: rgb(255,  
242, 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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