

Converting Colors

XYZ(79.2293, 93.4034, 26.4172)

Have a look what the booklet for
XYZ(79.2293, 93.4034, 26.4172)
contains.

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Color

**XYZ(79.0801, 93.1029,
26.3731)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFE66
RGB	255, 254, 102
RGB Percent	100%, 100%, 40%
CMY	0.0000, 0.0039, 0.6000
CMYK	0.00, 0.00, 0.60, 0.00
HSL	60°, 100%, 70%
HSV	60°, 60%, 100%
XYZ	79.0801, 93.1029, 26.3731
YIQ	236.9710, 49.3880, -47.0600

Conversions

Conversions Part 2

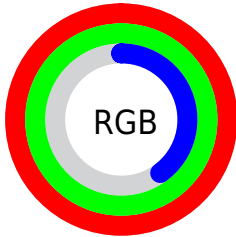
Format	Color
R_{YB}	103, 255, 102
Decimal	16776806
CIE _{Lab}	97.27, -17.96, 70.62
CIE _{LCh}	97, 72.870, 104.269
Yxy	93.1029, 0.3983, 0.4689
Android (android.graphics.Color)	4294966886 (0xFFFFE66)
YUV	236.9710, -66.5407, 15.8114
Hunter-Lab	96.4898, -22.5641, 51.3374

Details

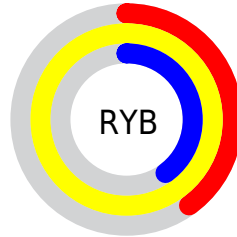
The XYZ color **79.0801, 93.1029, 26.3731** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **28.3800, 19.7450, 96.9227**, and the grayscale version is **80.9458, 85.1612, 92.7406**.

A 20% lighter version of the original color is **83.1716, 95.2486, 46.3490**, and **43.1177, 52.1574, 9.9853** is the 20% darker color. If you saturate the color by 10%, you get **77.9534, 92.5717, 20.6894**, and if you desaturate by 10%, it is **80.6001, 93.7984, 34.1084**.

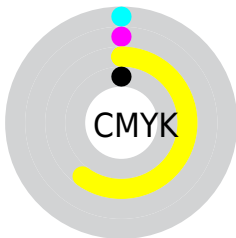
Distribution



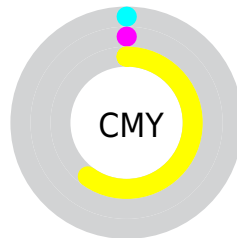
- Red (100%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (40%)



- Cyan (0%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.0801, 93.1029, 26.3731 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 79.0801, 93.1029, 26.3731 by changing the saturation by 10% instead.


 79.0801, 93.1029,
26.3731

 79.0801, 93.1029,
26.3731


480.6112,
538.0736, 298.2724

 59.2675, 70.5570,
16.8747


 131.0290,
151.6411, 54.8677


 43.0757, 51.9808,
9.9842


 163.8959,
188.4022, 74.7010

 30.1393, 36.9898,
5.2830


 201.8451,
230.6704, 98.8163

 20.0929, 25.1996,
2.3526

 245.2418,
278.8303, 127.6322

 12.5713, 16.2258,
0.7605

294.4514,
333.2662, 161.5672

 7.2090, 9.6841,
0.0000

349.8393,

 3.6406, 5.1900,

394.3624, 201.0399

0.0000

411.7707,
462.5034, 246.4688

■ 1.5009, 2.3592,
0.0000

■ 0.3264, 0.8048,
0.0000

■ 79.0801, 93.1029,
26.3731

■ 79.0801, 93.1029,
26.3731

■ 77.9534, 92.5717,
20.6894

■ 80.6001, 93.7984,
34.1084

■ 77.1765, 92.1770,
16.8568


■ 82.5390, 94.6581,
44.0596


■ 76.7074, 91.9055,
14.6451

■ 84.9282, 95.6980,
56.3810

■ 76.4741, 91.7284,
13.6749

■ 87.7938, 96.9285,
71.2114

 76.4741, 91.7284,
13.6747

 91.1603, 98.3595,
88.6792

95.0497, 99.9996,
108.8999

95.0498, 99.9999,
108.9000

Harmonies

Analogous

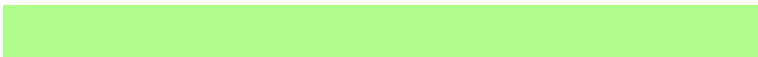
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



99.6744, 93.1029, 26.6795



79.0801, 93.1029, 26.3731



63.6149, 93.1029, 39.8936

Triad

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



79.0801, 93.1029, 26.3731



63.0433, 93.1029, 203.0060



132.3719, 93.1029, 135.3556

Complementary

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



79.0801, 93.1029, 26.3731



28.3800, 19.7450, 96.9227

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.



119.1311, 93.1029, 206.2744



79.0801, 93.1029, 26.3731



78.1780, 93.1029, 254.5261

Square

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



79.0801, 93.1029, 26.3731



55.3779, 93.1029, 131.9944



98.6215, 93.1029, 255.9122



132.7142, 93.1029, 75.8968

Rectangle

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



79.0801, 93.1029, 26.3731



57.3816, 93.1029, 59.6580



98.6215, 93.1029, 255.9122



129.1998, 93.1029, 159.0495

Sweetspot

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



79.0823, 93.1072, 26.3750



88.4261, 97.1985, 74.4872



48.5186, 31.7744, 16.8208



18.7313, 20.7210, 14.9298



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.



79.0823, 93.1072, 26.3750



77.7713, 92.4823, 19.7806



57.2266, 82.3091, 25.4427



19.5506, 21.0693, 19.1807



39.9642, 47.9396, 7.1469



3.8943, 4.6740, 0.6969

Inverse Universe

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



28.3800, 19.7450, 96.9227



23.0338, 13.2863, 95.9582



40.6955, 25.9482, 97.4709



17.0125, 17.3966, 22.7112



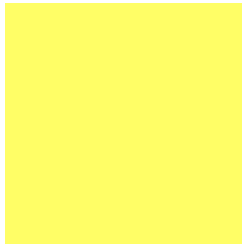
9.4450, 3.7995, 49.6702



0.9228, 0.3763, 4.8373

Previews

White Background



This preview shows how the XYZ color 79.0801, 93.1029, 26.3731 looks on a white background.

Color Contrast Check

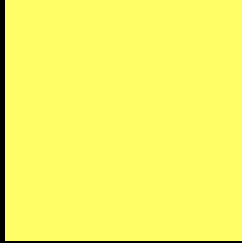
Large Text (above 18pt) WCAG AA × Fail

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 79.0801, 93.1029, 26.3731 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 79.0801, 93.1029, 26.3731

Background



This preview shows how black text looks on a background with the XYZ color 79.0801, 93.1029, 26.3731.



This preview shows how white text looks on a background with the XYZ color 79.0801, 93.1029,

Color Blindness Simulation

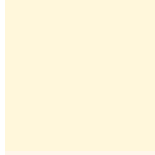
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

79.0801, 93.1029, 26.3731



Protanopia

87.2869, 92.8960, 80.3480



Deuteranopia

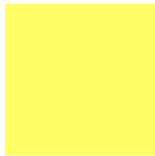
89.1912, 93.1697, 91.8799



Tritanopia

90.8460, 92.8635, 103.5788

Trichromacy



Original Color

79.0801, 93.1029, 26.3731



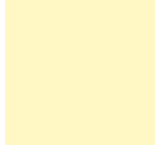
Protanomaly

83.2621, 92.7658, 54.5915



Deuteranomaly

84.0853, 92.5992, 60.4554



Tritanomaly

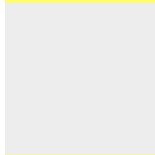
84.7712, 92.3803, 65.5878

Monochromacy



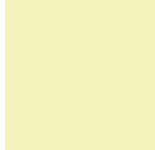
Original Color

79.0801, 93.1029, 26.3731



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.4359, 86.9651, 60.2289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0801, 93.1029, 26.3731 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, 254, 102)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 102)  
}
```

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, 254, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 102) }
```

Border

The CSS property to change the border of an element to XYZ 79.0801, 93.1029, 26.3731 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, 254, 102) }
```


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

```
.border{ border-color:rgb(255, 254, 102) }
```

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

Here you see how a box with a 4 pixel rgb(255, 254, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 102);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0801, 93.1029, 26.3731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 254, 102) }
```

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

```
.background{ background-color: rgb(255,  
254, 102) }
```

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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