

Converting Colors

XYZ(84.3123, 100.0000,
27.9631)

Have a look what the booklet for
XYZ(84.3123, 100.0000, 27.9631)
contains.

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Color

**XYZ(79.4987, 93.7795,
27.0079)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFF68
RGB	255, 255, 104
RGB Percent	100%, 100%, 41%
CMY	0.0000, 0.0000, 0.5921
CMYK	0.00, 0.00, 0.59, 0.00
HSL	60°, 100%, 70%
HSV	60°, 59%, 100%
XYZ	79.4987, 93.7795, 27.0079
YIQ	237.7860, 48.4710, -46.9610

Conversions

Conversions Part 2

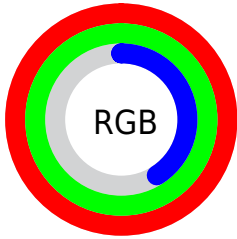
Format	Color
R_{YB}	104, 255, 104
Decimal	16777064
CIE _{Lab}	97.54, -18.31, 70.10
CIE _{LCh}	98, 72.453, 104.640
Yxy	93.7795, 0.3969, 0.4682
Android (android.graphics.Color)	4294967144 (0xFFFFFFFF68)
YUV	237.7860, -65.9565, 15.0967
Hunter-Lab	96.8398, -22.9337, 51.2523

Details

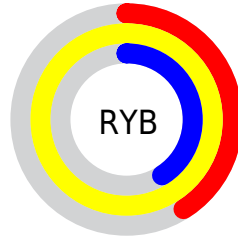
The XYZ color **79.4987, 93.7795, 27.0079** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **28.7103, 20.0649, 96.9675**, and the grayscale version is **81.5694, 85.8174, 93.4552**.

A 20% lighter version of the original color is **83.3452, 95.3181, 47.2632**, and **43.1734, 52.1797, 10.2788** is the 20% darker color. If you saturate the color by 10%, you get **78.3931, 93.3372, 21.1870**, and if you desaturate by 10%, it is **80.9959, 94.3783, 34.8930**.

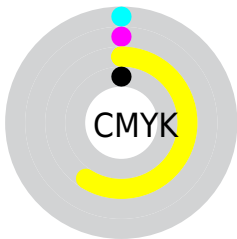
Distribution



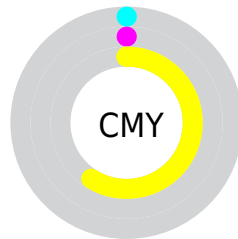
- Red (100%)
- Green (100%)
- Blue (41%)



- Red (41%)
- Yellow (100%)
- Blue (41%)



- Cyan (0%)
- Magenta (0%)
- Yellow (59%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.4987, 93.7795, 27.0079 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 79.4987, 93.7795, 27.0079 by changing the saturation by 10% instead.


 79.4987, 93.7795,
27.0079


 79.4987, 93.7795,
27.0079


482.0041,
540.2503, 301.4568


 59.6130, 71.1196,
17.3467


 131.6149,
152.5774, 55.9004


 43.3550, 52.4398,
10.3174


 164.5761,
189.4841, 75.9688

 30.3595, 37.3557,
5.5016


 202.6266,
231.9085, 100.3433

 20.2610, 25.4830,
2.4806

 246.1315,
280.2351, 129.4425

 12.6943, 16.4373,
0.8299

295.4564,
334.8481, 163.6849

 7.2939, 9.8341,
0.0000

350.9666,

 3.6946, 5.2891,

396.1321, 203.4891

0.0000

413.0274,
464.4713, 249.2735

■ 1.5308, 2.4179,
0.0000

■ 0.3467, 0.8351,
0.0000

■ 79.4987, 93.7795,
27.0079

■ 79.4987, 93.7795,
27.0079

■ 78.3931, 93.3372,
21.1870

■ 80.9959, 94.3783,
34.8930

■ 77.6424, 93.0369,
17.2344


■ 82.9166, 95.1466,
45.0073


■ 77.2034, 92.8613,
14.9227

■ 85.2896, 96.0958,
57.5030

■ 77.0106, 92.7842,
13.9078

■ 88.1411, 97.2364,
72.5183

 76.9997, 92.7798,
13.8500

 91.4951, 98.5781,
90.1805

95.0500, 100.0000,
108.9000

Harmonies

Analogous

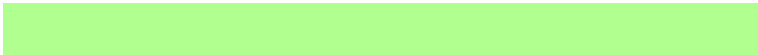
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



100.0370, 93.7795, 27.1600



79.4987, 93.7795, 27.0079



64.1117, 93.7795, 40.8192

Triad

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



79.4987, 93.7795, 27.0079



63.8300, 93.7795, 204.2857



133.0165, 93.7795, 135.1807

Complementary

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



79.4987, 93.7795, 27.0079



28.7103, 20.0649, 96.9675

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.



119.9445, 93.7795, 205.8883



79.4987, 93.7795, 27.0079



79.0546, 93.7795, 255.0932

Square

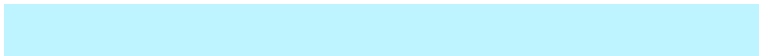
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.4987, 93.7795, 27.0079



56.0570, 93.7795, 133.5294



99.5193, 93.7795, 255.7723



133.1846, 93.7795, 76.0515

Rectangle

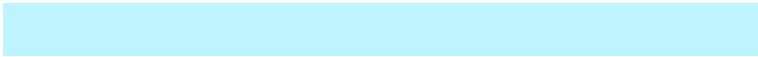
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.4987, 93.7795, 27.0079



57.9343, 93.7795, 60.8421



99.5193, 93.7795, 255.7723



129.9059, 93.7795, 158.7724

Sweetspot

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



79.4987, 93.7795, 27.0091



88.5209, 97.3884, 74.5188



48.6897, 32.1611, 16.7394



18.7549, 20.7682, 14.9377



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.



79.4987, 93.7795, 27.0091



78.2341, 93.2736, 20.3500



56.9656, 82.1632, 25.9546



19.5613, 21.0908, 19.1843



40.2340, 48.4795, 7.2369



3.9174, 4.7203, 0.7046

Inverse Universe

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



28.7103, 20.0649, 96.9675



23.3157, 13.5648, 95.9971



41.7075, 26.7652, 97.5757



17.0031, 17.3778, 22.7080



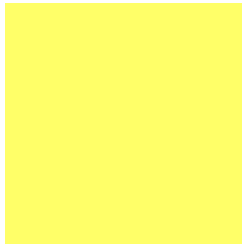
9.4315, 3.7726, 49.6657



0.9183, 0.3673, 4.8358

Previews

White Background



This preview shows how the XYZ color 79.4987, 93.7795, 27.0079 looks on a white background.

Color Contrast Check

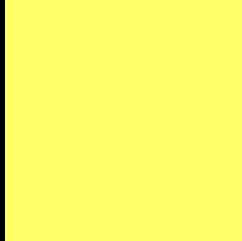
Large Text (above 18pt) WCAG AA × Fail

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 79.4987, 93.7795, 27.0079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

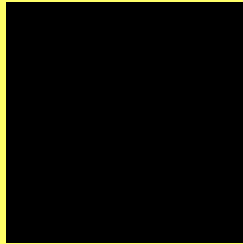
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.4987, 93.7795, 27.0079

Background



This preview shows how black text looks on a background with the XYZ color 79.4987, 93.7795, 27.0079.



This preview shows how white text looks on a background with the XYZ color 79.4987, 93.7795,

Color Blindness Simulation

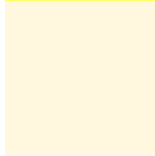
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



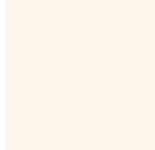
Original Color

79.4987, 93.7795, 27.0079



Protanopia

87.9922, 93.6687, 82.5494



Deuteranopia

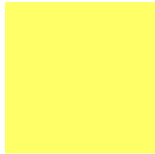
89.4818, 93.2860, 93.4106



Tritanopia

91.3050, 93.5299, 104.5076

Trichromacy



Original Color

79.4987, 93.7795, 27.0079



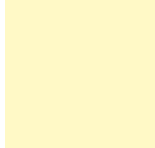
Protanomaly

83.8739, 93.5090, 56.2762



Deuteranomaly

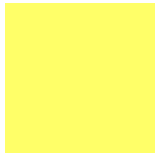
84.3010, 92.6855, 61.5911



Tritanomaly

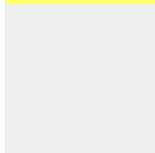
85.3087, 93.0886, 66.8977

Monochromacy



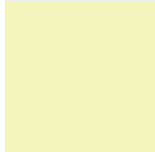
Original Color

79.4987, 93.7795, 27.0079



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

78.8442, 87.6086, 60.8987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4987, 93.7795, 27.0079 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, 255, 104)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 104)  
}
```

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, 255, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 104) }
```

Border

The CSS property to change the border of an element to XYZ 79.4987, 93.7795, 27.0079 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, 255, 104) }
```


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

```
.border{ border-color:rgb(255, 255, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 255, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 255, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 255, 104);  
box-shadow:4px 4px 4px 4px rgb(255, 255,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4987, 93.7795, 27.0079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 255, 104) }
```

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

```
.background{ background-color: rgb(255,  
255, 104) }
```

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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