

Converting Colors

XYZ(78.3381, 92.3943, 26.7152)

Have a look what the booklet for
XYZ(78.3381, 92.3943, 26.7152)
contains.

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Color

**XYZ(78.1320, 92.1327,
26.7621)**

Conversions

Conversions Part 1

Format	Color
Hex	FD6D68
RGB	253, 253, 104
RGB Percent	99%, 99%, 41%
CMY	0.0078, 0.0078, 0.5921
CMYK	0.00, 0.00, 0.59, 0.01
HSL	60°, 97%, 70%
HSV	60°, 59%, 99%
XYZ	78.1320, 92.1327, 26.7621
YIQ	236.0140, 47.8290, -46.3390

Conversions

Conversions Part 2

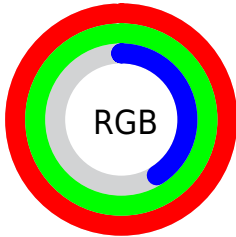
Format	Color
RYB	104, 253, 104
Decimal	16645480
CIELab	96.87, -18.15, 69.33
CIELCh	97, 71.666, 104.667
Yxy	92.1327, 0.3966, 0.4676
Android (android.graphics.Color)	4294835560 (0xFFFD68)
YUV	236.0140, -65.0829, 14.8967
Hunter-Lab	95.9858, -22.6769, 50.6592

Details

The XYZ color **78.1320, 92.1327, 26.7621** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **28.3918, 19.9376, 95.2861**, and the grayscale version is **80.1988, 84.3754, 91.8848**.

A 20% lighter version of the original color is **83.3452, 95.3181, 47.2632**, and **42.4322, 51.4594, 10.1789** is the 20% darker color. If you saturate the color by 10%, you get **77.0353, 91.6974, 20.9799**, and if you desaturate by 10%, it is **79.6185, 92.7307, 34.5779**.

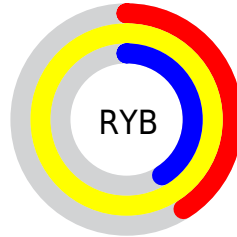
Distribution



Red (99%)

Green (99%)

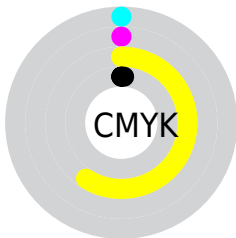
Blue (41%)



Red (41%)

Yellow (99%)

Blue (41%)

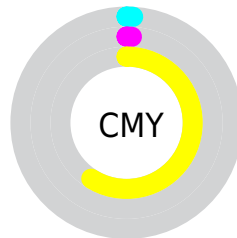


Cyan (0%)

Magenta (0%)

Yellow (59%)

Black (1%)



Cyan (1%)

Magenta (1%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.1320, 92.1327, 26.7621 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 78.1320, 92.1327, 26.7621 by changing the saturation by 10% instead.

78.1320, 92.1327,
26.7621

78.1320, 92.1327,
26.7621

477.4480,
534.9443, 300.2270

58.4856, 69.7509,
17.1638

129.7006,
150.2973, 55.5010

42.4439, 51.3234,
10.1881

162.3534,
186.8488, 75.4786

29.6417, 36.4661,
5.4166

200.0725,
228.8924, 99.7531

19.7135, 24.7944,
2.4308

243.2231,
276.8124, 128.7429

12.2940, 15.9239,
0.8031

292.1705,
330.9931, 162.8667

7.0179, 9.4703,
0.0000

347.2803,

3.5197, 5.0492,

391.8191, 202.5430

0.0000

408.9176,
459.6747, 248.1902

■ 1.4342, 2.2762,
0.0000

■ 0.2804, 0.7611,
0.0000

■ 78.1320, 92.1327,
26.7621

■ 78.1320, 92.1327,
26.7621

■ 77.0353, 91.6974,
20.9799

■ 79.6185, 92.7307,
34.5779

■ 76.2863, 91.3977,
17.0378


■ 81.5195, 93.4912,
44.5861


■ 75.8447, 91.2210,
14.7150


■ 83.8653, 94.4296,
56.9367

■ 75.6488, 91.1426,
13.6856


■ 86.6815, 95.5561,
71.7644


 75.6334, 91.1364,
13.6048

 89.9919, 96.8803,
89.1941

 93.6880, 98.3588,
108.6550

 93.6884, 98.3590,
108.6550

 93.6889, 98.3593,
108.6550

 93.6893, 98.3595,
108.6551

Harmonies

Analogous

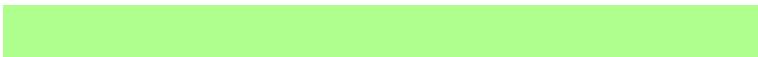
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



98.2056, 92.1327, 26.9004



78.1320, 92.1327, 26.7621



63.0854, 92.1327, 40.3381

Triad

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



78.1320, 92.1327, 26.7621



62.8303, 92.1327, 200.1354



130.4418, 92.1327, 132.5683

Complementary

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



78.1320, 92.1327, 26.7621



28.3918, 19.9376, 95.2861

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.



117.6872, 92.1327, 201.5817



78.1320, 92.1327, 26.7621



77.7302, 92.1327, 249.6500

Square

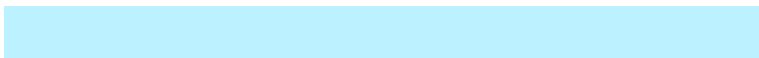
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.1320, 92.1327, 26.7621



55.2145, 92.1327, 131.0762



97.7376, 92.1327, 250.2625



130.5936, 92.1327, 74.7905

Rectangle

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



78.1320, 92.1327, 26.7621



57.0433, 92.1327, 59.9764



97.7376, 92.1327, 250.2625



127.4086, 92.1327, 155.6008

Sweetspot

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



78.1342, 92.1370, 26.7640



88.5202, 97.3880, 74.5188



47.9602, 31.7850, 16.7052



18.7547, 20.7681, 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.



78.1342, 92.1370, 26.7640



78.2311, 93.2721, 20.3498



56.1027, 80.7793, 25.7329



19.5612, 21.0907, 19.1843



40.2318, 48.4783, 7.2368



3.9173, 4.7202, 0.7046

Inverse Universe

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



28.3918, 19.9376, 95.2861



23.3163, 13.5651, 95.9972



41.1578, 26.5187, 95.8835



17.0032, 17.3779, 22.7080



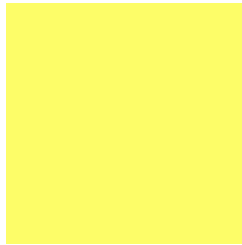
9.4316, 3.7727, 49.6657



0.9184, 0.3673, 4.8358

Previews

White Background



This preview shows how the XYZ color 78.1320, 92.1327, 26.7621 looks on a white background.

Color Contrast Check

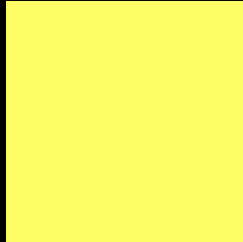
Large Text (above 18pt) WCAG AA × Fail

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 78.1320, 92.1327, 26.7621 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 78.1320, 92.1327, 26.7621

Background



This preview shows how black text looks on a background with the XYZ color 78.1320, 92.1327, 26.7621.



This preview shows how white text looks on a background with the XYZ color 78.1320, 92.1327,

Color Blindness Simulation

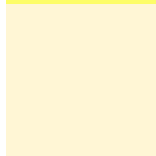
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



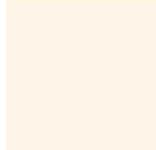
Original Color

78.1320, 92.1327, 26.7621



Protanopia

86.2060, 91.9756, 76.1603



Deuteranopia

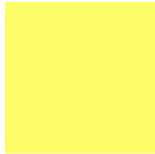
88.1562, 91.7876, 89.4144



Tritanopia

90.2474, 91.6664, 103.3793

Trichromacy



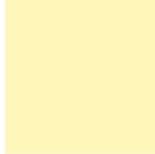
Original Color

78.1320, 92.1327, 26.7621



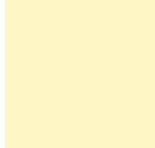
Protanomaly

82.2916, 91.8393, 52.9247



Deuteranomaly

82.8908, 91.0951, 59.1133



Tritanomaly

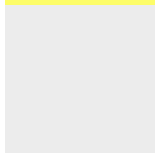
83.9069, 91.0136, 65.9683

Monochromacy



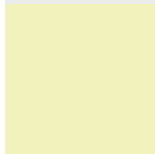
Original Color

78.1320, 92.1327, 26.7621



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.4472, 86.0123, 60.0971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1320, 92.1327, 26.7621 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(253, 253, 104)` looks like.

```
.text, #text, p{  
    color:rgb(253, 253, 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(253, 253, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 253, 104) }
```

Border

The CSS property to change the border of an element to XYZ 78.1320, 92.1327, 26.7621 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(253, 253, 104) }
```


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

```
.border{ border-color:rgb(253, 253, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 253, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 253, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 253, 104);  
box-shadow:4px 4px 4px 4px rgb(253, 253,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1320, 92.1327, 26.7621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 253, 104) }
```

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

```
.background{ background-color: rgb(253,  
253, 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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