

Converting Colors

XYZ(76.3140, 92.1039, 28.3864)

Have a look what the booklet for
XYZ(76.3140, 92.1039, 28.3864)
contains.

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Color

**XYZ(76.2307, 92.0583,
28.5031)**

Conversions

Conversions Part 1

Format	Color
Hex	F5FF6E
RGB	245, 255, 110
RGB Percent	96%, 100%, 43%
CMY	0.0392, 0.0000, 0.5686
CMYK	0.04, 0.00, 0.57, 0.00
HSL	64°, 100%, 72%
HSV	64°, 57%, 100%
XYZ	76.2307, 92.0583, 28.5031
YIQ	235.4800, 40.5850, -47.2150

Conversions

Conversions Part 2

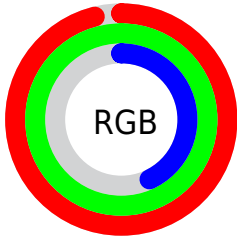
Format	Color
R_{YB}	110, 255, 120
Decimal	16121710
CIE Lab	96.84, -21.85, 66.62
CIE LCh	97, 70.109, 108.155
Yxy	92.0583, 0.3874, 0.4678
Android (android.graphics.Color)	4294311790 (0xFFFF5FF6E)
YUV	235.4800, -61.8616, 8.3490
Hunter-Lab	95.9470, -26.0875, 49.5496

Details

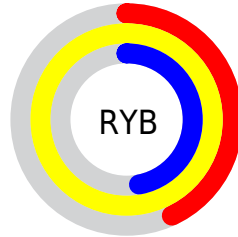
The XYZ color **76.2307, 92.0583, 28.5031** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **31.3728, 22.3662, 97.2713**, and the grayscale version is **79.7664, 83.9205, 91.3894**.

A 20% lighter version of the original color is **83.8829, 95.5332, 50.0950**, and **41.0864, 51.0843, 11.0629** is the 20% darker color. If you saturate the color by 10%, you get **74.4254, 91.2656, 22.1848**, and if you desaturate by 10%, it is **78.4414, 93.0138, 36.9274**.

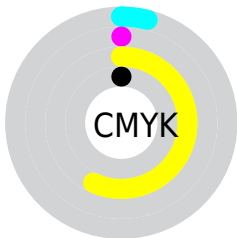
Distribution



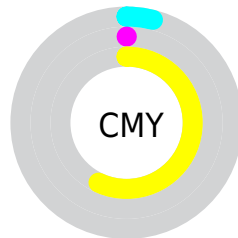
- Red (96%)
- Green (100%)
- Blue (43%)



- Red (43%)
- Yellow (100%)
- Blue (47%)



- Cyan (4%)
- Magenta (0%)
- Yellow (57%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2307, 92.0583, 28.5031 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 76.2307, 92.0583, 28.5031 by changing the saturation by 10% instead.

76.2307, 92.0583,
28.5031

76.2307, 92.0583,
28.5031

471.0693,
534.7039, 308.8504

56.9194, 69.6891,
18.4629

127.0316,
150.1942, 58.3194

41.1804, 51.2731,
11.1100

159.2519,
186.7296, 78.9326

28.6484, 36.4260,
6.0258

196.5059,
228.7559, 103.9072

18.9579, 24.7634,
2.7917

239.1590,
276.6574, 133.6618

11.7437, 15.9008,
0.9893

287.5766,
330.8186, 168.6148

6.6404, 9.4540,
0.0000

342.1239,

3.2825, 5.0385,

391.6238, 209.1849

0.0000

403.1664,
459.4575, 255.7906

■ 1.3049, 2.2699,
0.0000

■ 0.1869, 0.7577,
0.0000

■ 76.2307, 92.0583,
28.5031

■ 76.2307, 92.0583,
28.5031

■ 74.4254, 91.2656,
22.1848

■ 78.4414, 93.0138,
36.9274

■ 72.9900, 90.6215,
17.7830


■ 81.0884, 94.1445,
47.6181


■ 71.8830, 90.1095,
15.0804

■ 84.1999, 95.4616,
60.7241

■ 71.0519, 89.7086,
13.8005

■ 87.8016, 96.9756,
76.3807

 70.8230, 89.5956,
13.5609

 91.9173, 98.6958,
94.7132

95.0500, 100.0000,
108.9000

Harmonies

Analogous

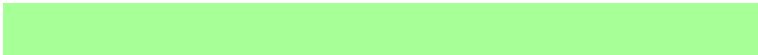
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.4968, 92.0583, 27.1887



76.2307, 92.0583, 28.5031



62.2307, 92.0583, 43.9329

Triad

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



76.2307, 92.0583, 28.5031



64.6071, 92.0583, 204.5677



129.9986, 92.0583, 124.1631

Complementary

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



76.2307, 92.0583, 28.5031



31.3728, 22.3662, 97.2713

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.



118.8197, 92.0583, 191.2937



76.2307, 92.0583, 28.5031



79.9600, 92.0583, 248.0871

Square

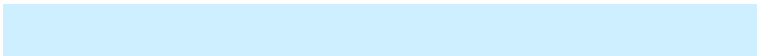
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.2307, 92.0583, 28.5031



56.2457, 92.0583, 137.9332



99.8256, 92.0583, 242.4805



128.5999, 92.0583, 70.1208

Rectangle

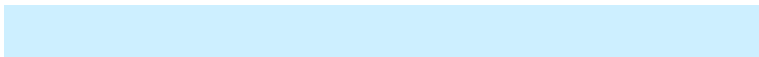
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.2307, 92.0583, 28.5031



56.8685, 92.0583, 65.0809



99.8256, 92.0583, 242.4805



127.5260, 92.0583, 146.2031

Sweetspot

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



76.2308, 92.0583, 28.5043



87.7481, 96.9532, 76.1451



50.7316, 35.7397, 18.9777



18.6185, 20.6835, 15.5814



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.



76.2308, 92.0583, 28.5043



74.2440, 91.1850, 21.5905



55.7720, 81.5114, 27.5469



19.4302, 21.0232, 19.1781



37.0591, 46.8428, 7.0883



3.6440, 4.5793, 0.6918

Inverse Universe

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



31.3728, 22.3662, 97.2713



25.6083, 15.5509, 96.2597



45.4073, 29.6013, 97.9281



17.1190, 17.4376, 22.7135



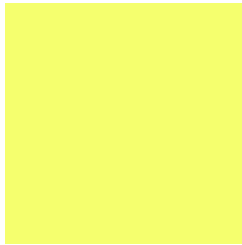
9.6003, 3.8596, 49.6736



0.9734, 0.3957, 4.8383

Previews

White Background



This preview shows how the XYZ color 76.2307, 92.0583, 28.5031 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 76.2307, 92.0583, 28.5031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

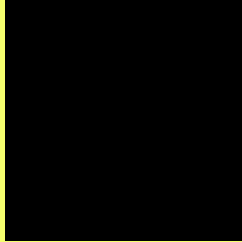
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.2307, 92.0583, 28.5031

Background



This preview shows how black text looks on a background with the XYZ color 76.2307, 92.0583, 28.5031.



This preview shows how white text looks on a background with the XYZ color 76.2307, 92.0583,

Color Blindness Simulation

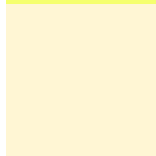
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



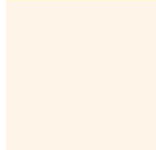
Original Color

76.2307, 92.0583, 28.5031



Protanopia

86.0794, 91.9250, 75.4938



Deuteranopia

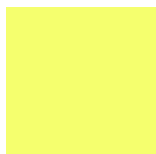
88.1562, 91.7876, 89.4144



Tritanopia

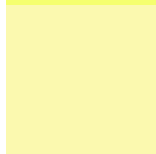
90.8815, 91.9200, 106.7183

Trichromacy



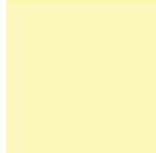
Original Color

76.2307, 92.0583, 28.5031



Protanomaly

81.3972, 91.3557, 53.9008



Deuteranomaly

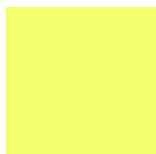
82.4282, 91.2749, 60.8503



Tritanomaly

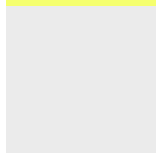
83.7051, 91.2950, 69.0871

Monochromacy



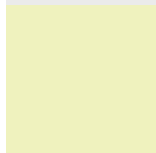
Original Color

76.2307, 92.0583, 28.5031



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.6430, 85.5727, 61.1929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2307, 92.0583, 28.5031 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(245, 255, 110)` looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 110)  
}
```

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(245, 255, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 110) }
```

Border

The CSS property to change the border of an element to XYZ 76.2307, 92.0583, 28.5031 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(245, 255, 110) }
```


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

```
.border{ border-color:rgb(245, 255, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 255, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 110);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2307, 92.0583, 28.5031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 255, 110) }
```

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

```
.background{ background-color: rgb(245,  
255, 110) }
```

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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