

Converting Colors

XYZ(77.1824, 92.5970, 26.3754)

Have a look what the booklet for
XYZ(77.1824, 92.5970, 26.3754)
contains.

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Color

**XYZ(77.2252, 92.6190,
26.3774)**

Conversions

Conversions Part 1

Format	Color
Hex	F9FF66
RGB	249, 255, 102
RGB Percent	98%, 100%, 40%
CMY	0.0235, 0.0000, 0.6000
CMYK	0.02, 0.00, 0.60, 0.00
HSL	62°, 100%, 70%
HSV	62°, 60%, 100%
XYZ	77.2252, 92.6190, 26.3774
YIQ	235.7640, 45.5370, -48.8550

Conversions

Conversions Part 2

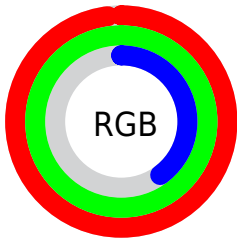
Format	Color
RYB	102, 255, 108
Decimal	16383846
CIELab	97.07, -20.82, 70.28
CIELCh	97, 73.295, 106.502
Yxy	92.6190, 0.3936, 0.4720
Android (android.graphics.Color)	4294573926 (0xFFFF9FF66)
YUV	235.7640, -65.9457, 11.6080
Hunter-Lab	96.2388, -25.1835, 51.1168

Details

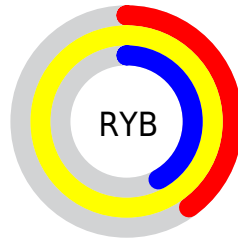
The XYZ color **77.2252, 92.6190, 26.3774** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **28.9868, 19.9121, 96.9234**, and the grayscale version is **80.0116, 84.1784, 91.6703**.

A 20% lighter version of the original color is **83.1716, 95.2486, 46.3490**, and **41.8472, 51.5025, 9.9259** is the 20% darker color. If you saturate the color by 10%, you get **75.7933, 92.0052, 20.6939**, and if you desaturate by 10%, it is **79.0480, 93.3894, 34.1112**.

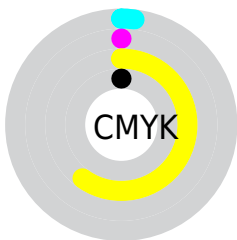
Distribution



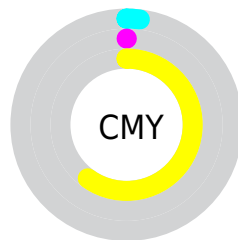
- Red (98%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (42%)



- Cyan (2%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)



- Cyan (2%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.2252, 92.6190, 26.3774 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 77.2252, 92.6190, 26.3774 by changing the saturation by 10% instead.

77.2252, 92.6190,
26.3774

77.2252, 92.6190,
26.3774

474.4117,
536.5140, 298.2940

57.7383, 70.1549,
16.8779

128.4285,
150.9710, 54.8747

41.8407, 51.6528,
9.9864

160.8756,
187.6277, 74.7096

29.1672, 36.7284,
5.2845

198.3734,
229.7840, 98.8267

19.3522, 24.9973,
2.3535

241.2874,
277.8244, 127.6445

12.0306, 16.0750,
0.7609

289.9829,
332.1332, 161.5816

6.8369, 9.5773,
0.0000

344.8252,

3.4057, 5.1196,

393.0948, 201.0565

0.0000

406.1796,
461.0936, 246.4878

■ 1.3718, 2.3176,
0.0000

■ 0.2360, 0.7830,
0.0000

■ 77.2252, 92.6190,
26.3774

■ 77.2252, 92.6190,
26.3774

■ 75.7933, 92.0052,
20.6939

■ 79.0480, 93.3894,
34.1112

■ 74.7152, 91.5331,
16.8622


■ 81.2937, 94.3292,
44.0617


■ 73.9467, 91.1851,
14.6516

■ 83.9915, 95.4501,
56.3825

■ 73.4159, 90.9323,
13.6824

■ 87.1676, 96.7625,
71.2124

 73.4158, 90.9323,
13.6823

 90.8465, 98.2762,
88.6797

95.0500, 100.0000,
108.9000

Harmonies

Analogous

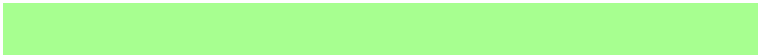
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97.6307, 92.6190, 25.7511



77.2252, 92.6190, 26.3774



62.2502, 92.6190, 41.0671

Triad

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



77.2252, 92.6190, 26.3774



63.4263, 92.6190, 207.9038



132.5730, 92.6190, 129.7925

Complementary

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



77.2252, 92.6190, 26.3774



28.9868, 19.9121, 96.9234

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.



120.0987, 92.6190, 201.1472



77.2252, 92.6190, 26.3774



79.0832, 92.6190, 256.8084

Square

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



77.2252, 92.6190, 26.3774



55.1786, 92.6190, 136.7288



99.8018, 92.6190, 253.9406



131.8661, 92.6190, 71.8647

Rectangle

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



77.2252, 92.6190, 26.3774



56.4014, 92.6190, 61.9540



99.8018, 92.6190, 253.9406



129.7081, 92.6190, 153.3349

Sweetspot

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



77.2253, 92.6191, 26.3786



87.8618, 97.0486, 74.4880



48.9071, 32.7566, 16.3165



18.5911, 20.6838, 14.9300



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.



77.2253, 92.6191, 26.3786



75.5505, 91.8999, 19.7853



55.4812, 81.4096, 25.3610



19.4866, 21.0523, 19.1808



38.3925, 47.5301, 7.1507



3.7592, 4.6387, 0.6972

Inverse Universe

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



28.9868, 19.9121, 96.9234



23.5201, 13.4227, 95.9589



42.4738, 26.8649, 97.5546



17.0689, 17.4117, 22.7111



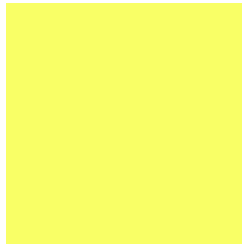
9.5254, 3.8210, 49.6701



0.9496, 0.3835, 4.8372

Previews

White Background



This preview shows how the XYZ color 77.2252, 92.6190, 26.3774 looks on a white background.

Color Contrast Check

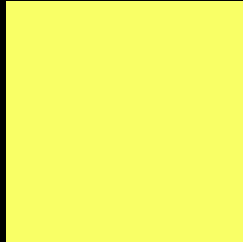
Large Text (above 18pt) WCAG AA × Fail

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 77.2252, 92.6190, 26.3774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

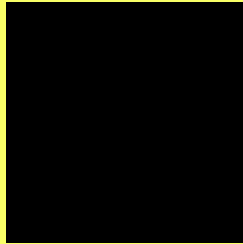
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.2252, 92.6190, 26.3774

Background



This preview shows how black text looks on a background with the XYZ color 77.2252, 92.6190, 26.3774.



This preview shows how white text looks on a background with the XYZ color 77.2252, 92.6190,

Color Blindness Simulation

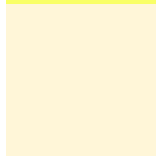
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



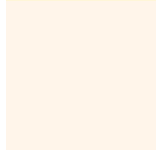
Original Color

77.2252, 92.6190, 26.3774



Protanopia

86.5904, 92.1294, 78.1847



Deuteranopia

88.7437, 92.5053, 91.0199



Tritanopia

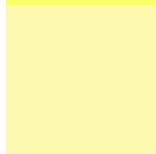
90.8613, 92.3895, 105.1395

Trichromacy



Original Color

77.2252, 92.6190, 26.3774



Protanomaly

82.1216, 91.7292, 53.9347



Deuteranomaly

83.2466, 92.1792, 59.8592



Tritanomaly

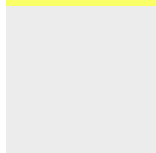
83.8468, 91.4354, 66.0529

Monochromacy



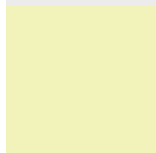
Original Color

77.2252, 92.6190, 26.3774



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.2959, 86.3898, 59.6147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.2252, 92.6190, 26.3774 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(249, 255, 102)` looks like.

```
.text, #text, p{  
    color:rgb(249, 255, 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(249, 255, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 255, 102) }
```

Border

The CSS property to change the border of an element to XYZ 77.2252, 92.6190, 26.3774 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(249, 255, 102) }
```


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

```
.border{ border-color:rgb(249, 255, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 255, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 255, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 255, 102);  
box-shadow:4px 4px 4px 4px rgb(249, 255,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 77.2252, 92.6190, 26.3774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 255, 102) }
```

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

```
.background{ background-color: rgb(249,  
255, 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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