

Converting Colors

XYZ(77.2425, 92.6563, 25.0990)

Have a look what the booklet for
XYZ(77.2425, 92.6563, 25.0990)
contains.

XYZ(77.3420, 92.7071, 25.1272)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(77.3420, 92.7071,
25.1272)**

Conversions

Conversions Part 1

Format	Color
Hex	FAFF61
RGB	250, 255, 97
RGB Percent	98%, 100%, 38%
CMY	0.0196, 0.0000, 0.6196
CMYK	0.02, 0.00, 0.62, 0.00
HSL	62°, 100%, 69%
HSV	62°, 62%, 100%
XYZ	77.3420, 92.7071, 25.1272
YIQ	235.4930, 47.7380, -50.1980

Conversions

Conversions Part 2

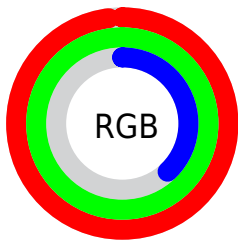
Format	Color
R _Y B	97, 255, 102
Decimal	16449377
CIE Lab	97.11, -20.74, 72.34
CIE LCh	97, 75.253, 105.997
Yxy	92.7071, 0.3963, 0.4750
Android (android.graphics.Color)	4294639457 (0xFFFAFF61)
YUV	235.4930, -68.2770, 12.7226
Hunter-Lab	96.2845, -25.1151, 51.9264

Details

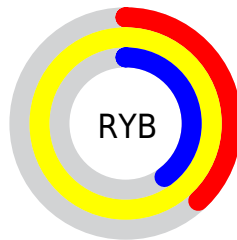
The XYZ color **77.3420, 92.7071, 25.1272** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **27.8053, 18.5954, 96.7315**, and the grayscale version is **79.8200, 83.9768, 91.4508**.

A 20% lighter version of the original color is **82.8327, 95.1131, 44.5648**, and **41.7327, 51.4567, 9.3227** is the 20% darker color. If you saturate the color by 10%, you get **76.0491, 92.1565, 19.8263**, and if you desaturate by 10%, it is **79.0182, 93.4110, 32.4423**.

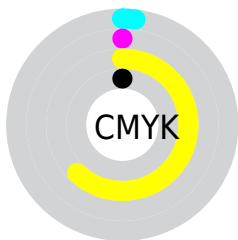
Distribution



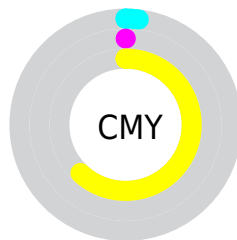
- Red (98%)
- Green (100%)
- Blue (38%)



- Red (38%)
- Yellow (100%)
- Blue (40%)



- Cyan (2%)
- Magenta (0%)
- Yellow (62%)
- Black (0%)



- Cyan (2%)
- Magenta (0%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.3420, 92.7071, 25.1272 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 77.3420, 92.7071, 25.1272 by changing the saturation by 10% instead.

77.3420, 92.7071,
25.1272

77.3420, 92.7071,
25.1272

474.8034,
536.7982, 291.9387

57.8345, 70.2281,
15.9520

128.5924,
151.0930, 52.8302

41.9184, 51.7125,
9.3362

161.0661,
187.7687, 72.1950

29.2282, 36.7760,
4.8613

198.5925,
229.9455, 95.7934

19.3987, 25.0341,
2.1088

241.5370,
278.0076, 124.0440

12.0644, 16.1024,
0.6210

290.2650,
332.3395, 157.3653

6.8601, 9.5967,
0.0000

345.1418,

3.4203, 5.1324,

393.3257, 196.1758

0.0000

406.5328,
461.3504, 240.8941

■ 1.3797, 2.3251,
0.0000

■ 0.2417, 0.7870,
0.0000

■ 77.3420, 92.7071,
25.1272

■ 77.3420, 92.7071,
25.1272

■ 76.0491, 92.1565,
19.8263

■ 79.0182, 93.4110,
32.4423

■ 75.1013, 91.7442,
16.3354

■ 81.1107, 94.2816,
41.9423

■ 74.4527, 91.4517,
14.4135

■ 83.6492, 95.3308,
53.7838

■ 74.0927, 91.2812,
13.7139

■ 86.6604, 96.5692,
68.1081

90.1690, 98.0067,
85.0454

94.1980, 99.6525,
104.7167

95.0500, 100.0000,
108.9000

Harmonies

Analogous

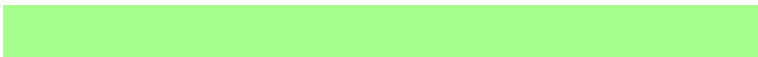
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



98.3617, 92.7071, 24.7129



77.3420, 92.7071, 25.1272



61.9036, 92.7071, 39.5801

Triad

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



77.3420, 92.7071, 25.1272



62.7006, 92.7071, 210.4878



133.9311, 92.7071, 131.9404

Complementary

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



77.3420, 92.7071, 25.1272



27.8053, 18.5954, 96.7315

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.



120.8443, 92.7071, 205.8284



77.3420, 92.7071, 25.1272



78.6064, 92.7071, 262.0778

Square

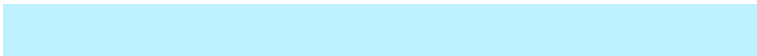
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.3420, 92.7071, 25.1272



54.4244, 92.7071, 136.6930



99.8453, 92.7071, 260.0943



133.4458, 92.7071, 72.0412

Rectangle

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



77.3420, 92.7071, 25.1272



55.8497, 92.7071, 60.4784



99.8453, 92.7071, 260.0943



130.8928, 92.7071, 156.3295

Sweetspot

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



77.3420, 92.7070, 25.1284



87.6456, 96.9733, 72.8418



47.9205, 31.1683, 14.8009



18.5557, 20.6726, 14.6109



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.



77.3420, 92.7070, 25.1284



75.8289, 92.0617, 18.9738



55.2333, 81.3096, 24.0937



19.5010, 21.0597, 19.1814



38.7404, 47.7095, 7.1670



3.7892, 4.6542, 0.6986

Inverse Universe

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



27.8053, 18.5954, 96.7315



22.7086, 12.5398, 95.8313



40.8315, 25.3107, 97.3411



17.0561, 17.4052, 22.7105



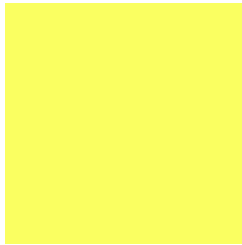
9.5073, 3.8117, 49.6692



0.9436, 0.3803, 4.8370

Previews

White Background



This preview shows how the XYZ color 77.3420, 92.7071, 25.1272 looks on a white background.

Color Contrast Check

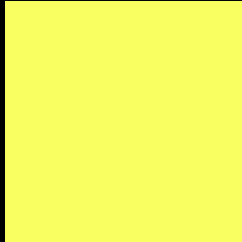
Large Text (above 18pt) WCAG AA × Fail

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 77.3420, 92.7071, 25.1272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

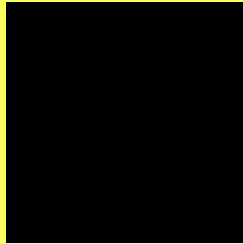
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.3420, 92.7071, 25.1272

Background



This preview shows how black text looks on a background with the XYZ color 77.3420, 92.7071, 25.1272.

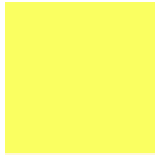


This preview shows how white text looks on a background with the XYZ color 77.3420, 92.7071,

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



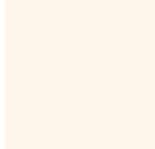
Original Color

77.3420, 92.7071, 25.1272



Protanopia

86.8954, 92.7394, 78.2864



Deuteranopia

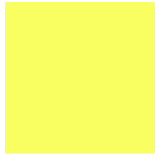
88.7437, 92.5053, 91.0199



Tritanopia

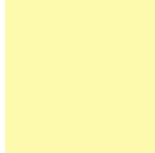
90.7032, 92.3262, 104.3070

Trichromacy



Original Color

77.3420, 92.7071, 25.1272



Protanomaly

82.2364, 92.2710, 53.0109



Deuteranomaly

83.0354, 92.0947, 58.7470



Tritanomaly

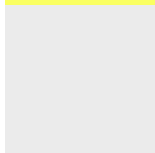
83.6191, 91.3443, 64.8538

Monochromacy



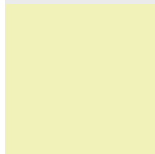
Original Color

77.3420, 92.7071, 25.1272



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.4443, 85.5323, 58.3793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3420, 92.7071, 25.1272 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(250, 255, 97)` looks like.

```
.text, #text, p{  
    color:rgb(250, 255, 97)  
}
```

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(250, 255, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 255, 97) }
```

Border

The CSS property to change the border of an element to XYZ 77.3420, 92.7071, 25.1272 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(250, 255, 97) }
```


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

```
.border{ border-color:rgb(250, 255, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 255, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 255, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 255, 97);  
box-shadow:4px 4px 4px 4px rgb(250, 255,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3420, 92.7071, 25.1272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 255, 97) }
```

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

```
.background{ background-color: rgb(250,  
255, 97) }
```

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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