

Converting Colors

XYZ(42.4532, 73.2364, 25.3736)

Have a look what the booklet for
XYZ(42.4532, 73.2364, 25.3736)
contains.

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Color

**XYZ(42.3972, 73.2374,
25.2663)**

Conversions

Conversions Part 1

Format	Color
Hex	62FC69
RGB	98, 252, 105
RGB Percent	38%, 99%, 41%
CMY	0.6157, 0.0117, 0.5882
CMYK	0.61, 0.00, 0.58, 0.01
HSL	123°, 96%, 69%
HSV	123°, 61%, 99%
XYZ	42.3972, 73.2374, 25.2663
YIQ	189.1960, -44.5970, -78.3650

Conversions

Conversions Part 2

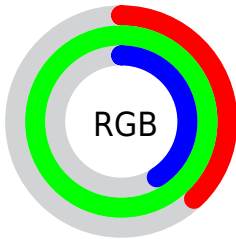
Format	Color
RYB	98, 245, 252
Decimal	6487145
CIELab	88.56, -68.66, 57.38
CIELCh	89, 89.476, 140.115
Yxy	73.2374, 0.3009, 0.5198
Android (android.graphics.Color)	4284677225 (0xFF62FC69)
YUV	189.1960, -41.5086, -79.9789
Hunter-Lab	85.5789, -61.3311, 42.4004

Details

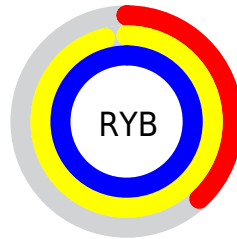
The XYZ color **42.3972, 73.2374, 25.2663** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **60.9959, 36.0244, 90.1256**, and the grayscale version is **48.7321, 51.2700, 55.8330**.

A 20% lighter version of the original color is **57.0055, 81.7394, 46.0305**, and **19.8675, 38.8139, 9.4623** is the 20% darker color. If you saturate the color by 10%, you get **39.0277, 71.6257, 19.5429**, and if you desaturate by 10%, it is **46.9754, 75.4361, 32.8741**.

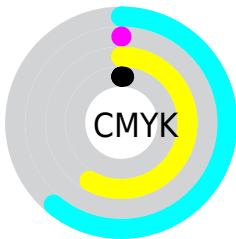
Distribution



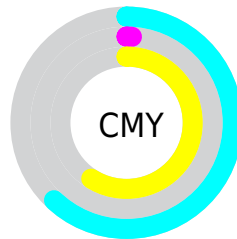
- Red (38%)
- Green (99%)
- Blue (41%)



- Red (38%)
- Yellow (96%)
- Blue (99%)



- Cyan (61%)
- Magenta (0%)
- Yellow (58%)
- Black (1%)





- Cyan (62%)
- Magenta (1%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.3972, 73.2374, 25.2663 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 42.3972, 73.2374, 25.2663 by changing the saturation by 10% instead.


 42.3972, 73.2374,
25.2663


 42.3972, 73.2374,
25.2663


347.0905,
471.8372, 292.6516

 29.6049, 54.1701,
16.0547


 78.0618, 123.8142,
53.0584


 19.6855, 38.7377,
9.4081


 101.6648,
156.0924, 72.4760

 12.2736, 26.5557,
4.9079


 129.6022,
193.5431, 96.1327

 7.0038, 17.2398,
2.1355

 162.2391,
236.5507, 124.4470

 3.5108, 10.4056,
0.6368

199.9411,
285.4995, 157.8375

 1.4293, 5.6687,
0.0000

243.0734,

 0.2770, 2.6447,

340.7739, 196.7228

0.0000

292.0014,
402.7583, 241.5213

■ 0.0000, 0.9492,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 42.3972, 73.2374,
25.2663

■ 42.3972, 73.2374,
25.2663

■ 39.0277, 71.6257,
19.5429

■ 46.9754, 75.4361,
32.8741

■ 36.7479, 70.5368,
15.5354


■ 52.8565, 78.2608,
42.5061


■ 35.4239, 69.9078,
13.0537


■ 60.1314, 81.7578,
54.2942

■ 34.8750, 69.6490,
11.9363

■ 68.8815, 85.9664,
68.3581

 79.1816, 90.9229,
84.8086

 91.1019, 96.6611,
103.7492

 94.1019, 98.1037,
108.5840

Harmonies

Analogous

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



56.3030, 73.2374, 12.1394



42.3972, 73.2374, 25.2663



36.2339, 73.2374, 61.0479

Triad

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



42.3972, 73.2374, 25.2663



62.7328, 73.2374, 263.2323



116.2482, 73.2374, 45.4820

Complementary

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



42.3972, 73.2374, 25.2663



60.9959, 36.0244, 90.1256

Split Complementary

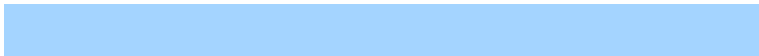
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



118.9625, 73.2374, 101.9114



42.3972, 73.2374, 25.2663



84.8639, 73.2374, 251.2688

Square

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



42.3972, 73.2374, 25.2663



46.2656, 73.2374, 209.9575



106.5155, 73.2374, 182.6839



99.7232, 73.2374, 18.9271

Rectangle

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



42.3972, 73.2374, 25.2663



36.2527, 73.2374, 102.4676



106.5155, 73.2374, 182.6839



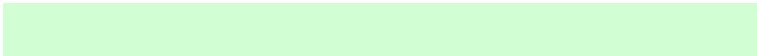
118.9210, 73.2374, 60.6543

Sweetspot

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



42.3990, 73.2405, 25.2679



73.8642, 89.8025, 75.1918



75.3289, 90.2563, 25.0064



15.1845, 18.9205, 15.0933



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.



42.3990, 73.2405, 25.2679



39.5543, 73.3200, 19.1472



48.1010, 75.5213, 55.2946



17.0494, 19.3220, 18.4606



18.1801, 36.2851, 6.2920



1.6947, 3.3650, 0.6401

Inverse Universe

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



60.9959, 36.0244, 90.1256



60.0756, 32.1845, 90.6654



51.7576, 32.3291, 41.4776



17.9569, 17.5101, 21.6290



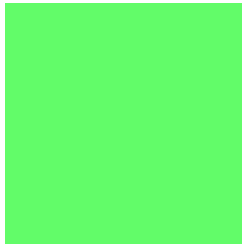
29.1622, 14.0806, 44.4241



2.7112, 1.3082, 4.1684

Previews

White Background



This preview shows how the XYZ color 42.3972, 73.2374, 25.2663 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 42.3972, 73.2374, 25.2663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

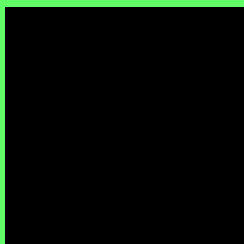
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

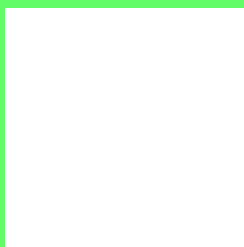
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.3972, 73.2374, 25.2663

Background



This preview shows how black text looks on a background with the XYZ color 42.3972, 73.2374, 25.2663.

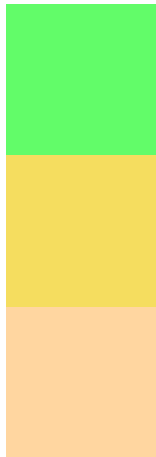


This preview shows how white text looks on a background with the XYZ color 42.3972, 73.2374,

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

42.3972, 73.2374, 25.2663

Protanopia

65.5782, 71.9516, 21.2582

Deuteranopia

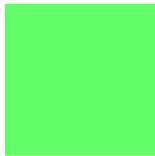
71.6317, 71.8912, 43.3587



Tritanopia

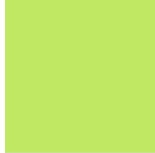
58.5267, 72.6142, 105.5390

Trichromacy



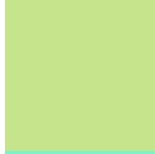
Original Color

42.3972, 73.2374, 25.2663



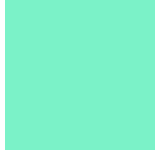
Protanomaly

52.8470, 69.8205, 22.4958



Deuteranomaly

55.7657, 69.3860, 35.2646



Tritanomaly

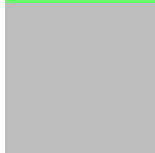
50.3458, 71.8853, 65.8653

Monochromacy



Original Color

42.3972, 73.2374, 25.2663



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

43.4253, 56.6235, 40.9884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3972, 73.2374, 25.2663 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(98, 252, 105)` looks like.

```
.text, #text, p{  
    color:rgb(98, 252, 105)  
}
```

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(98, 252, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 252, 105) }
```

Border

The CSS property to change the border of an element to XYZ 42.3972, 73.2374, 25.2663 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(98, 252, 105) }
```


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

```
.border{ border-color:rgb(98, 252, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 252, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 252, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 252, 105);  
box-shadow:4px 4px 4px 4px rgb(98, 252,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3972, 73.2374, 25.2663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 252, 105) }
```

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

```
.background{ background-color: rgb(98, 252,  
105) }
```

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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