

Converting Colors

XYZ(74.8050, 94.3051, 22.6442)

Have a look what the booklet for
XYZ(74.8050, 94.3051, 22.6442)
contains.

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Color

**XYZ(72.9568, 90.5108,
22.0126)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFF54
RGB	239, 255, 84
RGB Percent	94%, 100%, 33%
CMY	0.0627, 0.0000, 0.6706
CMYK	0.06, 0.00, 0.67, 0.00
HSL	66°, 100%, 66%
HSV	66°, 67%, 100%
XYZ	72.9568, 90.5108, 22.0126
YIQ	230.7220, 45.3550, -56.5730

Conversions

Conversions Part 2

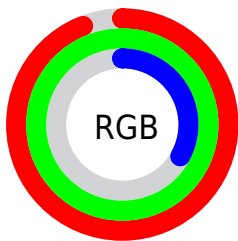
Format	Color
R_{YB}	84, 255, 100
Decimal	15728468
CIE _{Lab}	96.21, -25.85, 76.08
CIE _{LCh}	96, 80.353, 108.768
Yxy	90.5108, 0.3933, 0.4880
Android (android.graphics.Color)	4293918548 (0xFFEFFF54)
YUV	230.7220, -72.3339, 7.2598
Hunter-Lab	95.1372, -29.6057, 52.8776

Details

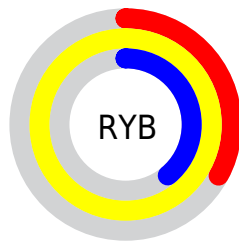
The XYZ color **72.9568, 90.5108, 22.0126** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **26.4770, 16.2712, 96.3529**, and the grayscale version is **76.2455, 80.2162, 87.3554**.

A 20% lighter version of the original color is **81.8825, 94.7330, 39.5608**, and **39.0384, 50.1002, 7.7276** is the 20% darker color. If you saturate the color by 10%, you get **71.3327, 89.7687, 17.6382**, and if you desaturate by 10%, it is **74.9550, 91.4037, 28.3033**.

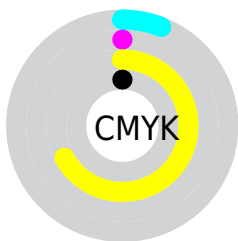
Distribution



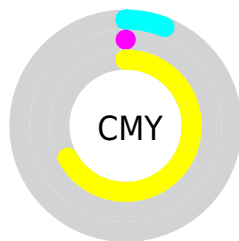
- Red (94%)
- Green (100%)
- Blue (33%)



- Red (33%)
- Yellow (100%)
- Blue (39%)



- Cyan (6%)
- Magenta (0%)
- Yellow (67%)
- Black (0%)




- Cyan (6%)
- Magenta (0%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.9568, 90.5108, 22.0126 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 72.9568, 90.5108, 22.0126 by changing the saturation by 10% instead.


 72.9568, 90.5108,
22.0126

 72.9568, 90.5108,
22.0126


459.9712,
529.6911, 275.5677

 54.2289, 68.4044,
13.6678


 122.4193,
148.0477, 47.6693


 39.0161, 50.2268,
7.7538


 153.8847,
184.2470, 65.8182

 26.9530, 35.5936,
3.8523


 190.3266,
225.9127, 88.0722

 17.6743, 24.1205,
1.5447

 232.1103,
273.4292, 114.8499

 10.8147, 15.4230,
0.2509

279.6013,
327.1809, 146.5697

 6.0087, 9.1168,
0.0000

333.1649,

 2.8911, 4.8175,

387.5521, 183.6503

0.0000

393.1664,
454.9274, 226.5101

■ 1.0964, 2.1406,
0.0000

■ 0.0221, 0.6873,
0.0000

■ 72.9568, 90.5108,
22.0126

■ 72.9568, 90.5108,
22.0126

■ 71.3327, 89.7687,
17.6382

■ 74.9550, 91.4037,
28.3033

■ 70.0408, 89.1607,
14.9575

■ 77.3626, 92.4617,
36.6932

■ 69.0282, 88.6656,
13.6915

■ 80.2109, 93.6972,
47.3479

■ 68.7597, 88.5320,
13.4644

■ 83.5281, 95.1214,
60.4155

87.3399, 96.7448,
76.0313

91.6701, 98.5768,
94.3209

95.0500, 100.0000,
108.9000

Harmonies

Analogous

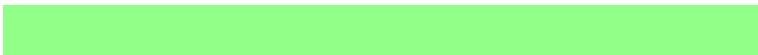
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.6526, 90.5108, 20.5103



72.9568, 90.5108, 22.0126



57.6431, 90.5108, 37.7492

Triad

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



72.9568, 90.5108, 22.0126



60.7487, 90.5108, 222.7498



135.3093, 90.5108, 124.4566

Complementary

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



72.9568, 90.5108, 22.0126



26.4770, 16.2712, 96.3529

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.



122.4702, 90.5108, 203.6664



72.9568, 90.5108, 22.0126



77.9435, 90.5108, 274.7273

Square

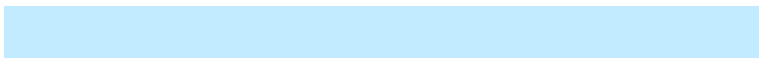
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.9568, 90.5108, 22.0126



51.4817, 90.5108, 143.5742



100.5736, 90.5108, 266.5359



133.3462, 90.5108, 64.0867

Rectangle

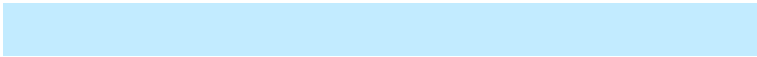
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.9568, 90.5108, 22.0126



51.9307, 90.5108, 60.4342



100.5736, 90.5108, 266.5359



132.5034, 90.5108, 150.0455

Sweetspot

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



72.9568, 90.5108, 22.0138



86.1651, 96.2457, 71.1626



47.2321, 30.6834, 11.8218



18.2116, 20.5021, 14.2823



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.



72.9568, 90.5108, 22.0138



70.9200, 89.5766, 16.6841



50.9267, 79.1538, 20.9828



19.3838, 20.9993, 19.1760



35.9973, 46.2954, 7.0386



3.5518, 4.5318, 0.6875

Inverse Universe

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



26.4770, 16.2712, 96.3529



21.7661, 10.8931, 95.5631



40.9287, 23.7213, 97.0292



17.1606, 17.4590, 22.7154



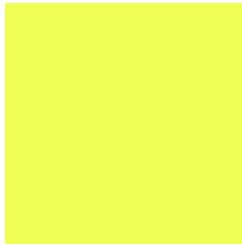
9.6790, 3.9002, 49.6773



0.9930, 0.4058, 4.8393

Previews

White Background



This preview shows how the XYZ color 72.9568, 90.5108, 22.0126 looks on a white background.

Color Contrast Check

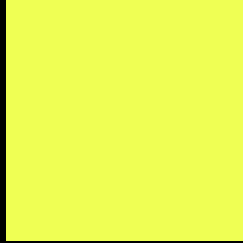
Large Text (above 18pt) WCAG AA × Fail

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 72.9568, 90.5108, 22.0126 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 72.9568, 90.5108, 22.0126

Background



This preview shows how black text looks on a background with the XYZ color 72.9568, 90.5108, 22.0126.



This preview shows how white text looks on a background with the XYZ color 72.9568, 90.5108,

Color Blindness Simulation

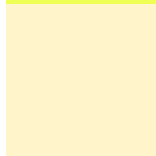
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



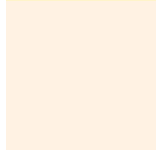
Original Color

72.9568, 90.5108, 22.0126



Protanopia

84.2514, 90.2256, 68.8519



Deuteranopia

86.8573, 90.3103, 85.5268



Tritanopia

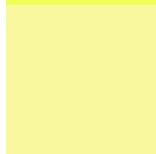
89.7896, 90.0238, 107.2517

Trichromacy



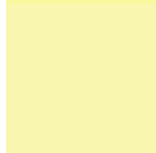
Original Color

72.9568, 90.5108, 22.0126



Protanomaly

78.8923, 89.7777, 45.9717



Deuteranomaly

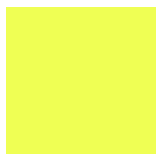
80.0655, 89.7564, 53.6623



Tritanomaly

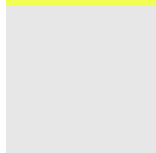
81.3450, 89.2948, 63.4004

Monochromacy



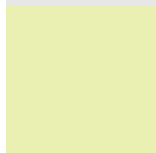
Original Color

72.9568, 90.5108, 22.0126



Achromatopsia

75.9547, 79.9103, 87.0223



Achromatomaly

73.1277, 83.0270, 54.2910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9568, 90.5108, 22.0126 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(239, 255, 84)` looks like.

```
.text, #text, p{  
    color:rgb(239, 255, 84)  
}
```

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(239, 255, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 84) }
```

Border

The CSS property to change the border of an element to XYZ 72.9568, 90.5108, 22.0126 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(239, 255, 84) }
```


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

```
.border{ border-color:rgb(239, 255, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 255, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 84);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9568, 90.5108, 22.0126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 255, 84) }
```

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

```
.background{ background-color: rgb(239,  
255, 84) }
```

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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