

Converting Colors

XYZ(62.9323, 77.8994, 28.2422)

Have a look what the booklet for
XYZ(62.9323, 77.8994, 28.2422)
contains.

XYZ(62.9323, 77.8994, 28.2422)	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(62.9323, 77.8994,
28.2422)**

Conversions

Conversions Part 1

Format	Color
Hex	DAEF74
RGB	218, 239, 116
RGB Percent	85%, 94%, 45%
CMY	0.1451, 0.0627, 0.5451
CMYK	0.09, 0.00, 0.51, 0.06
HSL	70°, 79%, 70%
HSV	70°, 51%, 94%
XYZ	62.9323, 77.8994, 28.2422
YIQ	218.6990, 26.9670, -42.7050

Conversions

Conversions Part 2

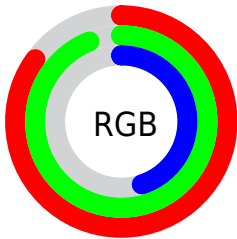
Format	Color
RYB	116, 239, 137
Decimal	14348148
CIELab	90.73, -24.27, 56.48
CIELCh	91, 61.468, 113.252
Yxy	77.8994, 0.3722, 0.4607
Android (android.graphics.Color)	4292538228 (0xFFDAEF74)
YUV	218.6990, -50.6306, -0.6130
Hunter-Lab	88.2606, -27.1806, 42.8105

Details

The XYZ color **62.9323, 77.8994, 28.2422** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **32.1448, 24.0431, 84.6126**, and the grayscale version is **67.4517, 70.9644, 77.2803**.

A 20% lighter version of the original color is **84.3507, 95.7203, 52.5582**, and **32.5009, 41.7918, 10.9111** is the 20% darker color. If you saturate the color by 10%, you get **60.5121, 76.7948, 21.7824**, and if you desaturate by 10%, it is **65.7439, 79.1696, 36.5901**.

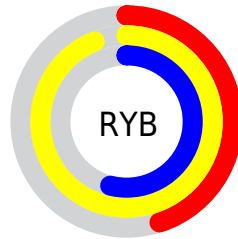
Distribution



Red (85%)

Green (94%)

Blue (45%)



Red (45%)

Yellow (94%)

Blue (54%)

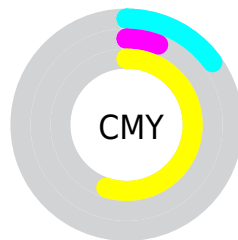


Cyan (9%)

Magenta (0%)

Yellow (51%)

Black (6%)



Cyan (15%)


Magenta (6%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.9323, 77.8994, 28.2422 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 62.9323, 77.8994, 28.2422 by changing the saturation by 10% instead.


 62.9323, 77.8994,
28.2422


 62.9323, 77.8994,
28.2422


424.9873,
487.8251, 307.5707


 46.0449, 57.9913,
18.2677


 108.1542,
130.4083, 57.8986

 32.4860, 41.8017,
10.9709


 137.2194,
163.7779, 78.4176

 21.8903, 28.9460,
5.9334


 171.0745,
202.4035, 103.2886

 13.8925, 19.0400,
2.7365

210.0850,
246.6695, 132.9299

 8.1271, 11.6992,
0.9617

254.6162,
296.9603, 167.7603

 4.2289, 6.5392,
0.0000

305.0334,

 1.8324, 3.1756,

353.6602, 208.1982

0.0000

361.7020,
417.1537, 254.6621

■ 0.5371, 1.2241,
0.0000

■ 0.0000, 0.0813,
0.0000

■ 62.9323, 77.8994,
28.2422

■ 62.9323, 77.8994,
28.2422

■ 60.5121, 76.7948,
21.7824

■ 65.7439, 79.1696,
36.5901

■ 58.4495, 75.8339,
17.0581


■ 68.9667, 80.6049,
46.9529

■ 56.7140, 75.0073,
13.9014

■ 72.6254, 82.2182,
59.4525


■ 55.2667, 74.2994,
12.1091

■ 76.7413, 84.0179,
74.1994


 54.2067, 73.7679,
11.3816

 81.3341, 86.0119,
91.2966

 85.7047, 87.9206,
107.0610

 87.1252, 88.6529,
107.1275

 88.5772, 89.4015,
107.1954

 90.0610, 90.1664,
107.2649

Harmonies

Analogous

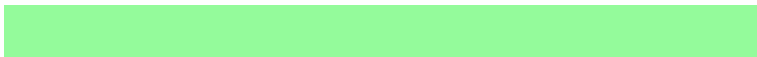
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.5834, 77.8994, 25.3161



62.9323, 77.8994, 28.2422



52.7162, 77.8994, 43.4527

Triad

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



62.9323, 77.8994, 28.2422



57.6666, 77.8994, 172.7760



107.5963, 77.8994, 95.2038

Complementary

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



62.9323, 77.8994, 28.2422



32.1448, 24.0431, 84.6126

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.



100.4574, 77.8994, 146.5107



62.9323, 77.8994, 28.2422



70.6082, 77.8994, 200.3179

Square

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



62.9323, 77.8994, 28.2422



49.9842, 77.8994, 122.9913



86.3857, 77.8994, 189.3270



104.7923, 77.8994, 55.4959

Rectangle

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



62.9323, 77.8994, 28.2422



49.1033, 77.8994, 62.6086



86.3857, 77.8994, 189.3270



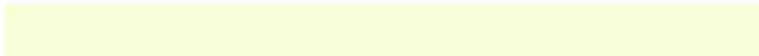
106.2505, 77.8994, 111.7449

Sweetspot

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



62.9342, 77.9029, 28.2438



87.1293, 96.5588, 79.5208



47.6265, 37.3634, 21.2257



18.4325, 20.5728, 16.2431



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.



62.9342, 77.9029, 28.2438



69.9078, 88.8751, 24.7549



47.9263, 70.1661, 27.5415



16.8425, 18.3145, 16.7971



30.0523, 40.8141, 6.2940



2.5693, 3.4310, 0.5268

Inverse Universe

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



32.1448, 24.0431, 84.6126



30.6132, 20.0286, 96.8601



45.1167, 30.7304, 85.2197



15.1488, 15.3584, 19.8877



9.1857, 3.7408, 45.3658



0.8362, 0.3483, 3.7774

Previews

White Background



This preview shows how the XYZ color 62.9323, 77.8994, 28.2422 looks on a white background.

Color Contrast Check

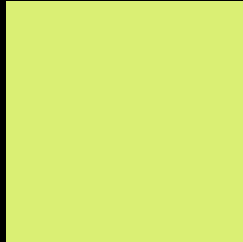
Large Text (above 18pt) WCAG AA × Fail

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 62.9323, 77.8994, 28.2422 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 62.9323, 77.8994, 28.2422

Background



This preview shows how black text looks on a background with the XYZ color 62.9323, 77.8994, 28.2422.



This preview shows how white text looks on a background with the XYZ color 62.9323, 77.8994,

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

62.9323, 77.8994, 28.2422

Protanopia

70.8689, 77.3745, 26.8224

Deuteranopia

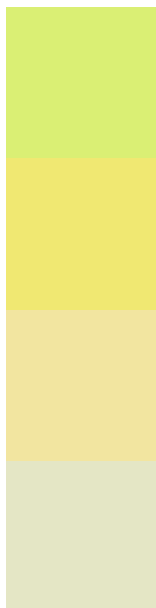
76.3846, 77.5381, 56.8394



Tritanopia

76.7071, 77.6451, 95.7381

Trichromacy



Original Color

62.9323, 77.8994, 28.2422

Protanomaly

67.8291, 77.4534, 27.2946

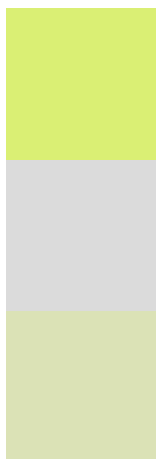
Deuteranomaly

70.9824, 77.4539, 44.4666

Tritanomaly

70.3698, 77.1188, 63.9999

Monochromacy



Original Color

62.9323, 77.8994, 28.2422

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

64.8533, 72.8302, 54.8955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9323, 77.8994, 28.2422 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(218, 239, 116)` looks like.

```
.text, #text, p{  
    color:rgb(218, 239, 116)  
}
```

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(218, 239, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 239, 116) }
```

Border

The CSS property to change the border of an element to XYZ 62.9323, 77.8994, 28.2422 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(218, 239, 116) }
```


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

```
.border{ border-color:rgb(218, 239, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 239, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 239, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 239, 116);  
box-shadow:4px 4px 4px 4px rgb(218, 239,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9323, 77.8994, 28.2422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 239, 116) }
```

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

```
.background{ background-color: rgb(218,  
239, 116) }
```

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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