

Converting Colors

XYZ(79.8962, 93.6464, 42.2984)

Have a look what the booklet for
XYZ(79.8962, 93.6464, 42.2984)
contains.

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Color

**XYZ(79.8962, 93.6464,
42.2984)**

Conversions

Conversions Part 1

Format	Color
Hex	F8FF95
RGB	248, 255, 149
RGB Percent	97%, 100%, 58%
CMY	0.0275, 0.0000, 0.4157
CMYK	0.03, 0.00, 0.42, 0.00
HSL	64°, 100%, 79%
HSV	64°, 42%, 100%
XYZ	79.8962, 93.6464, 42.2984
YIQ	240.8230, 29.8540, -34.4500

Conversions

Conversions Part 2

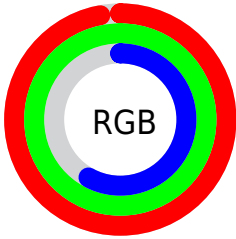
Format	Color
R _Y B	149, 255, 156
Decimal	16318357
CIE Lab	97.49, -17.30, 49.74
CIE LCh	97, 52.661, 109.175
Yxy	93.6464, 0.3702, 0.4339
Android (android.graphics.Color)	4294508437 (0xFFFF8FF95)
YUV	240.8230, -45.2687, 6.2942
Hunter-Lab	96.7711, -21.9761, 41.8242

Details

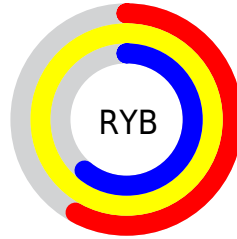
The XYZ color **79.8962, 93.6464, 42.2984** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **42.5089, 35.7841, 99.2743**, and the grayscale version is **83.7973, 88.1613, 96.0076**.

A 20% lighter version of the original color is **88.0194, 97.1878, 71.8776**, and **43.5406, 52.1798, 18.8432** is the 20% darker color. If you saturate the color by 10%, you get **77.4836, 92.6127, 32.6967**, and if you desaturate by 10%, it is **82.7603, 94.8613, 54.2502**.

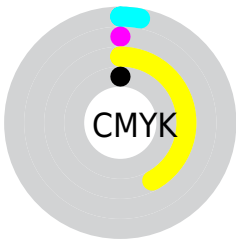
Distribution



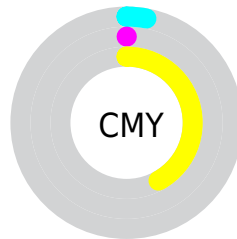
- Red (97%)
- Green (100%)
- Blue (58%)



- Red (58%)
- Yellow (100%)
- Blue (61%)



- Cyan (3%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.8962, 93.6464, 42.2984 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 79.8962, 93.6464, 42.2984 by changing the saturation by 10% instead.


 79.8962, 93.6464,
42.2984


 79.8962, 93.6464,
42.2984


483.3248,
539.8224, 371.5545

 59.9411, 71.0089,
29.0077


 132.1711,
152.3932, 79.9260

 43.6205, 52.3495,
18.8410


 165.2216,
189.2713, 105.1000

 30.5689, 37.2837,
11.3798


203.3679,
231.6651, 135.0721

 20.4210, 25.4272,
6.2055

246.9755,
279.9589, 170.2610

 12.8115, 16.3956,
2.8997

296.4096,
334.5371, 211.0852

 7.3749, 9.8045,
1.0436

352.0356,

 3.7461, 5.2696,

395.7842, 257.9631

0.0000

414.2189,
464.0845, 311.3134

■ 1.5595, 2.4063,
0.0000

■ 0.3658, 0.8291,
0.0000

■ 79.8962, 93.6464,
42.2984

■ 79.8962, 93.6464,
42.2984

■ 77.4836, 92.6127,
32.6967

■ 82.7603, 94.8613,
54.2502

■ 75.4926, 91.7482,
25.2863

■ 86.1020, 96.2679,
68.6890

■ 73.8903, 91.0398,
19.8953

■ 89.9463, 97.8761,
85.7459

■ 72.6388, 90.4724,
16.3241

■ 94.3160, 99.6952,
105.5415

■ 71.6926, 90.0278, 95.0500, 100.0000,
14.3327 108.9000

■ 71.0734, 89.7247,
13.5726

Harmonies

Analogous

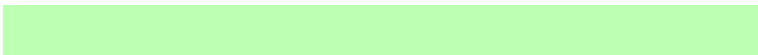
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.5165, 93.6464, 40.5959



79.8962, 93.6464, 42.2984



68.9797, 93.6464, 57.0591

Triad

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



79.8962, 93.6464, 42.2984



71.5073, 93.6464, 177.8099



120.3328, 93.6464, 118.2205

Complementary

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



79.8962, 93.6464, 42.2984



42.5089, 35.7841, 99.2743

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.



112.5804, 93.6464, 165.8091



79.8962, 93.6464, 42.2984



83.7180, 93.6464, 206.0833

Square

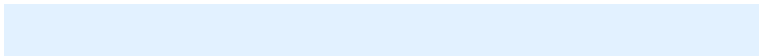
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.8962, 93.6464, 42.2984



64.5245, 93.6464, 131.4665



98.7877, 93.6464, 201.1630



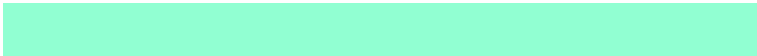
119.0130, 93.6464, 77.2443

Rectangle

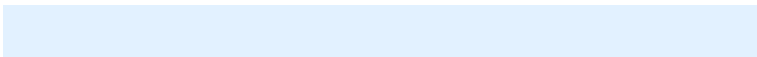
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.8962, 93.6464, 42.2984



64.7531, 93.6464, 75.4087



98.7877, 93.6464, 201.1630



118.6699, 93.6464, 134.1218

Sweetspot

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



79.8964, 93.6464, 42.2997



89.7693, 97.8023, 84.9521



58.2707, 46.6414, 34.3666



19.1012, 20.8865, 17.6769



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

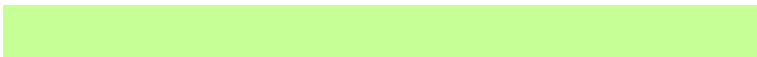
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.8964, 93.6464, 42.2997



77.8331, 92.7632, 34.0528



64.1330, 85.5201, 41.5619



19.4358, 21.0261, 19.1784



37.1880, 46.9092, 7.0944



3.6551, 4.5850, 0.6924

Inverse Universe

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



42.5089, 35.7841, 99.2743



35.8445, 27.7558, 98.0759



54.6144, 42.0247, 99.8408



17.1140, 17.4350, 22.7132



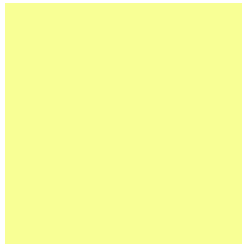
9.5921, 3.8554, 49.6732



0.9710, 0.3945, 4.8382

Previews

White Background



This preview shows how the XYZ color 79.8962, 93.6464, 42.2984 looks on a white background.

Color Contrast Check

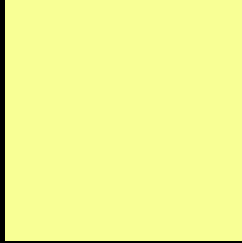
Large Text (above 18pt) WCAG AA × Fail

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 79.8962, 93.6464, 42.2984 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 79.8962, 93.6464, 42.2984

Background



This preview shows how black text looks on a background with the XYZ color 79.8962, 93.6464, 42.2984.

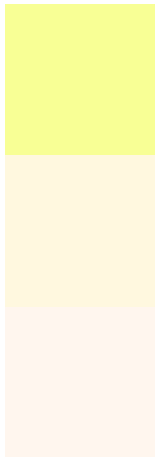


This preview shows how white text looks on a background with the XYZ color 79.8962, 93.6464,

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

79.8962, 93.6464, 42.2984

Protanopia

88.1267, 93.7225, 83.2575

Deuteranopia

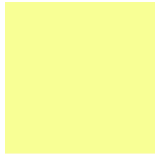
89.6284, 93.3446, 94.1823



Tritanopia

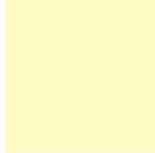
91.6407, 93.1814, 107.7636

Trichromacy



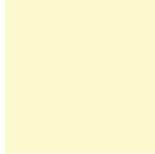
Original Color

79.8962, 93.6464, 42.2984



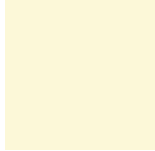
Protanomaly

84.6059, 93.6753, 65.8465



Deuteranomaly

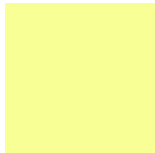
85.1611, 92.9030, 71.8361



Tritanomaly

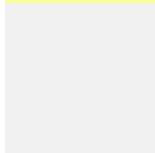
86.1070, 92.7881, 78.3373

Monochromacy



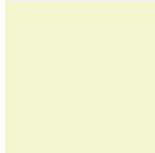
Original Color

79.8962, 93.6464, 42.2984



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.6492, 89.6987, 72.6847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8962, 93.6464, 42.2984 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(248, 255, 149)` looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 149)  
}
```

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(248, 255, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 149) }
```

Border

The CSS property to change the border of an element to XYZ 79.8962, 93.6464, 42.2984 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(248, 255, 149) }
```


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

```
.border{ border-color:rgb(248, 255, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 255, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 149);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8962, 93.6464, 42.2984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 149) }
```

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

```
.background{ background-color: rgb(248,  
255, 149) }
```

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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