

Converting Colors

XYZ(51.7024, 28.3943, 97.3634)

Have a look what the booklet for
XYZ(51.7024, 28.3943, 97.3634)
contains.

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Color

**XYZ(51.6858, 28.3964,
97.3647)**

Conversions

Conversions Part 1

Format	Color
Hex	E14CFF
RGB	225, 76, 255
RGB Percent	88%, 30%, 100%
CMY	0.1176, 0.7019, 0.0000
CMYK	0.12, 0.70, 0.00, 0.00
HSL	290°, 100%, 65%
HSV	290°, 70%, 100%
XYZ	51.6858, 28.3964, 97.3647
YIQ	140.9570, 31.3450, 87.2570

Conversions

Conversions Part 2

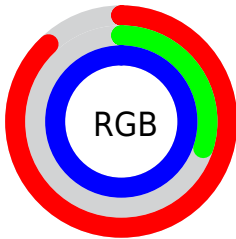
Format	Color
R_{YB}	225, 76, 255
Decimal	14765311
CIE _{Lab}	60.25, 79.47, -61.23
CIE _{LCh}	60, 100.320, 322.388
Yxy	28.3964, 0.2913, 0.1600
Android (android.graphics.Color)	4292955391 (0xFFE14CFF)
YUV	140.9570, 56.2232, 73.7057
Hunter-Lab	53.2883, 79.8777, -71.0289

Details

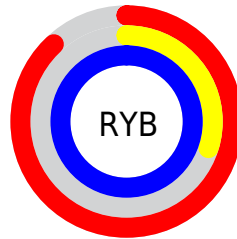
The XYZ color **51.6858, 28.3964, 97.3647** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **43.0089, 75.1062, 19.0686**, and the grayscale version is **25.0802, 26.3863, 28.7347**.

A 20% lighter version of the original color is **68.0942, 46.0883, 99.9147**, and **25.5951, 12.0306, 53.7964** is the 20% darker color. If you saturate the color by 10%, you get **48.9486, 24.8743, 96.8291**, and if you desaturate by 10%, it is **55.1541, 33.3293, 98.1340**.

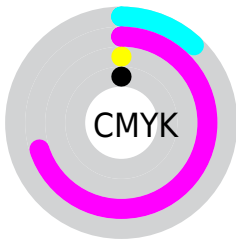
Distribution



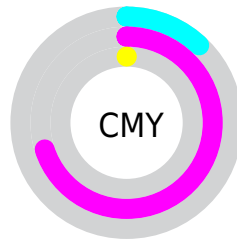
- Red (88%)
- Green (30%)
- Blue (100%)



- Red (88%)
- Yellow (30%)
- Blue (100%)



- Cyan (12%)
- Magenta (70%)
- Yellow (0%)
- Black (0%)





- Cyan (12%)
- Magenta (70%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.6858, 28.3964, 97.3647 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 51.6858, 28.3964, 97.3647 by changing the saturation by 10% instead.


 51.6858, 28.3964,
97.3647

 51.6858, 28.3964,
97.3647

383.5663,
294.3562, 572.8845

 36.9779, 18.6247,
73.4970


 91.8447, 57.1167,
159.5511


 25.3640, 11.3994,
53.8881


 118.0264, 76.8341,
198.7068

 16.4786, 6.3362,
38.1197


 148.7635,
100.6354, 243.7956

 9.9565, 3.0505,
25.7730

 184.4212,
128.9052, 295.2360

 5.4322, 1.1582,
16.4297

225.3650,
162.0278, 353.4465

 2.5403, 0.0271,
9.6711

271.9603,

 0.9156, 0.0000,

200.3876, 418.8458

5.0787

324.5722,
244.3689, 491.8523

■ 0.0000, 0.0000,
2.2340

■ 0.0000, 0.0000,
0.6939

■ 51.6858, 28.3964,
97.3647

■ 51.6858, 28.3964,
97.3647

■ 48.9486, 24.8743,
96.8291

■ 55.1541, 33.3293,
98.1340

■ 46.8514, 22.5839,
96.4975

■ 59.4240, 39.8164,
99.1611

■ 45.2777, 21.2564,
96.3242

■ 64.5609, 47.9874,
100.4675

■ 70.6226, 57.9573,
102.0724

■ 77.6615, 69.8308,
103.9932

■ 85.7262, 83.7047,
106.2461

94.8619, 99.6691,
108.8460

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.



37.5410, 28.3964, 153.4151



51.6858, 28.3964, 97.3647



59.6488, 28.3964, 41.2746

Triad

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



51.6858, 28.3964, 97.3647



30.3979, 28.3964, 0.3100



9.9799, 28.3964, 66.4764

Complementary

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



51.6858, 28.3964, 97.3647



43.0089, 75.1062, 19.0686

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.



9.1561, 28.3964, 22.4586



51.6858, 28.3964, 97.3647



18.6279, 28.3964, 0.7769

Square

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



51.6858, 28.3964, 97.3647



45.0593, 28.3964, 1.9123



11.7633, 28.3964, 4.7148



14.5410, 28.3964, 127.7235

Rectangle

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



51.6858, 28.3964, 97.3647



59.0439, 28.3964, 18.0831



11.7633, 28.3964, 4.7148



9.3312, 28.3964, 48.7273

Sweetspot

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



51.6869, 28.3976, 97.3648



77.0567, 68.8009, 103.8263



26.4805, 19.6559, 97.0060



16.0606, 13.9920, 22.1042



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.



51.6869, 28.3976, 97.3648



48.0802, 23.8680, 96.6806



54.0546, 30.5216, 56.6611



18.4763, 18.1373, 22.7770



23.7690, 11.1638, 50.3367



2.3900, 1.1260, 4.9046

Inverse Universe

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



46.4265, 27.4703, 16.4919



43.3549, 23.3636, 9.1899



42.9530, 74.7415, 34.2398



18.1335, 18.0367, 19.3204



21.8102, 11.2134, 2.3850



2.1567, 1.1051, 0.4067

Previews

White Background



This preview shows how the XYZ color 51.6858, 28.3964, 97.3647 looks on a white background.

Color Contrast Check

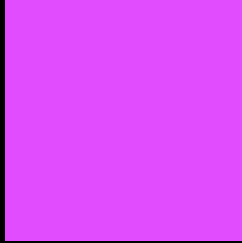
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.6858, 28.3964, 97.3647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

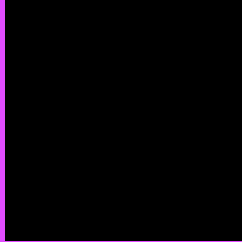
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 51.6858, 28.3964, 97.3647

Background



This preview shows how black text looks on a background with the XYZ color 51.6858, 28.3964, 97.3647.



This preview shows how white text looks on a background with the XYZ color 51.6858, 28.3964,

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

51.6858, 28.3964, 97.3647

Protanopia

32.0374, 28.7901, 98.4762

Deuteranopia

29.6810, 28.6911, 88.7676



Tritanopia

36.5055, 28.1621, 23.9338

Trichromacy



Original Color

51.6858, 28.3964, 97.3647



Protanomaly

35.3437, 25.7523, 97.7156



Deuteranomaly

33.1416, 25.2957, 91.1315



Tritanomaly

40.2218, 27.0526, 43.1462

Monochromacy



Original Color

51.6858, 28.3964, 97.3647



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

31.8180, 24.8706, 47.3795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6858, 28.3964, 97.3647 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(225, 76, 255)` looks like.

```
.text, #text, p{  
    color:rgb(225, 76, 255)  
}
```

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(225, 76, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 76, 255) }
```

Border

The CSS property to change the border of an element to XYZ 51.6858, 28.3964, 97.3647 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(225, 76, 255) }
```


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

```
.border{ border-color:rgb(225, 76, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 76, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 76, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 76, 255);  
box-shadow:4px 4px 4px 4px rgb(225, 76,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6858, 28.3964, 97.3647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 76, 255) }
```

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

```
.background{ background-color: rgb(225, 76,  
255) }
```

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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