

Converting Colors

XYZ(44.4319, 23.3188, 91.4347)

Have a look what the booklet for
XYZ(44.4319, 23.3188, 91.4347)
contains.

XYZ(44.4469, 23.3367, 91.7843)	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(44.4469, 23.3367,
91.7843)**

Conversions

Conversions Part 1

Format	Color
Hex	CF3CF9
RGB	207, 60, 249
RGB Percent	81%, 24%, 98%
CMY	0.1882, 0.7647, 0.0235
CMYK	0.17, 0.76, 0.00, 0.02
HSL	287°, 94%, 61%
HSV	287°, 76%, 98%
XYZ	44.4469, 23.3367, 91.7843
YIQ	125.4990, 26.9430, 89.9430

Conversions

Conversions Part 2

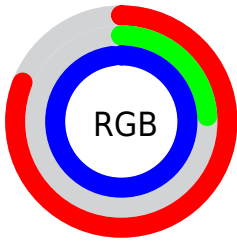
Format	Color
R _Y B	207, 60, 249
Decimal	13581561
CIE Lab	55.42, 80.26, -65.80
CIE LCh	55, 103.783, 320.656
Yxy	23.3367, 0.2785, 0.1462
Android (android.graphics.Color)	4291771641 (0xFFCF3CF9)
YUV	125.4990, 60.8860, 71.4764
Hunter-Lab	48.3081, 79.6937, -78.8341

Details

The XYZ color **44.4469, 23.3367, 91.7843** 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 **40.1714, 70.9029, 15.8441**, and the grayscale version is **19.4571, 20.4704, 22.2923**.

A 20% lighter version of the original color is **66.2495, 42.3991, 99.2998**, and **21.6167, 10.0575, 50.0922** is the 20% darker color. If you saturate the color by 10%, you get **41.9169, 20.5305, 91.3764**, and if you desaturate by 10%, it is **47.6461, 27.3985, 92.4001**.

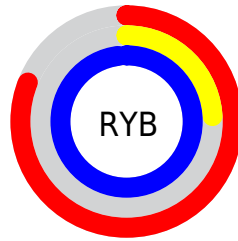
Distribution



Red (81%)

Green (24%)

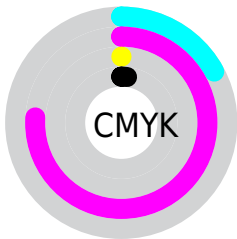
Blue (98%)



Red (81%)

Yellow (24%)

Blue (98%)

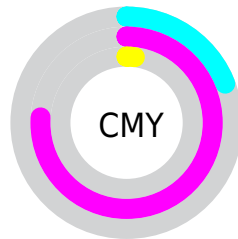


Cyan (17%)

Magenta (76%)

Yellow (0%)

Black (2%)



Cyan (19%)


Magenta (76%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4469, 23.3367, 91.7843 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 44.4469, 23.3367, 91.7843 by changing the saturation by 10% instead.

 44.4469, 23.3367,
91.7843


 44.4469, 23.3367,
91.7843

355.3503,
269.4497, 554.5373


 31.2214, 14.8423,
68.8795

 81.1320, 48.9456,
151.7715


 20.9202, 8.7088,
50.1424


 105.3223, 66.8289,
189.6909


 13.1778, 4.5517,
35.1546


 133.8983, 88.6107,
233.4523

 7.6289, 1.9867,
23.4975

 167.2252,
114.6752, 283.4742

 3.9082, 0.5997,
14.7525

 205.6686,
145.4070, 340.1751

 1.6503, 0.0000,
8.5012

249.5936,

 0.4249, 0.0000,

181.1904, 403.9736

4.3250

299.3658,
222.4098, 475.2881

■ 0.0000, 0.0000,
1.8053

■ 0.0000, 0.0000,
0.4314

■ 44.4469, 23.3367,
91.7843

■ 44.4469, 23.3367,
91.7843

■ 41.9169, 20.5305,
91.3764

■ 47.6461, 27.3985,
92.4001

■ 39.9581, 18.7883,
91.1434

■ 51.5880, 32.8656,
93.2476

■ 39.2621, 18.2651,
91.0790

■ 56.3392, 39.8693,
94.3490

■ 61.9578, 48.5250,
95.7236

68.4963, 58.9369,
97.3887

76.0028, 71.2005,
99.3602

84.5221, 85.4044,
101.6528

92.7393, 98.9187,
103.8282

94.0989, 99.6196,
103.8918

Harmonies

Analogous

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



31.0730, 23.3367, 145.4075



44.4469, 23.3367, 91.7843



52.4978, 23.3367, 37.3341

Triad

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



44.4469, 23.3367, 91.7843



26.0263, 23.3367, 0.0000



7.1148, 23.3367, 55.4804

Complementary

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



44.4469, 23.3367, 91.7843



40.1714, 70.9029, 15.8441

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.



6.5919, 23.3367, 16.3404



44.4469, 23.3367, 91.7843



15.1709, 23.3367, 0.0000

Square

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



44.4469, 23.3367, 91.7843



39.6600, 23.3367, 1.0725



8.9617, 23.3367, 2.5656



10.7815, 23.3367, 114.5214

Rectangle

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



44.4469, 23.3367, 91.7843



52.3396, 23.3367, 15.2847



8.9617, 23.3367, 2.5656



6.6317, 23.3367, 39.2379

Sweetspot

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



44.4479, 23.3376, 91.7848



74.4756, 65.7293, 103.3695



23.9236, 17.7221, 91.7827



15.3591, 13.1272, 21.9742



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.



44.4479, 23.3376, 91.7848



43.1025, 20.5884, 96.3099



50.9458, 27.4772, 56.4092



17.5936, 17.3186, 21.8008



21.1438, 9.8427, 48.7590



2.0479, 0.9578, 4.5201

Inverse Universe

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



43.0817, 24.3315, 14.9970



42.7989, 22.3722, 8.6325



38.5762, 69.8471, 26.3161



17.4025, 17.2884, 18.7094



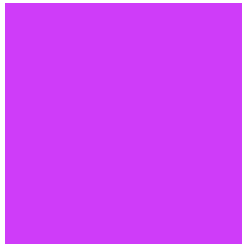
21.3286, 10.9472, 3.1730



2.0134, 1.0291, 0.4939

Previews

White Background



This preview shows how the XYZ color 44.4469, 23.3367, 91.7843 looks on a white background.

Color Contrast Check

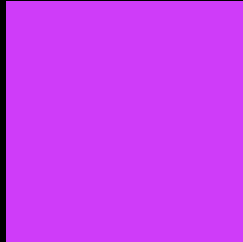
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.4469, 23.3367, 91.7843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

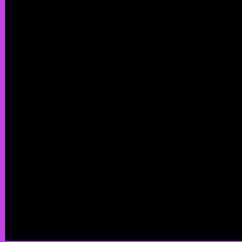
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 44.4469, 23.3367, 91.7843

Background



This preview shows how black text looks on a background with the XYZ color 44.4469, 23.3367, 91.7843.



This preview shows how white text looks on a background with the XYZ color 44.4469, 23.3367,

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

44.4469, 23.3367, 91.7843

Protanopia

27.6452, 23.8201, 97.7484

Deuteranopia

24.4974, 23.7414, 82.6483



Tritanopia

29.8322, 23.2787, 20.0604

Trichromacy



Original Color

44.4469, 23.3367, 91.7843



Protanomaly

29.3620, 20.4372, 95.3257



Deuteranomaly

26.2767, 19.6727, 85.6314



Tritanomaly

33.4750, 22.1432, 38.5861

Monochromacy



Original Color

44.4469, 23.3367, 91.7843



Achromatopsia

19.8309, 20.8637, 22.7206



Achromatomaly

25.6196, 19.4116, 40.9246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4469, 23.3367, 91.7843 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(207, 60, 249)` looks like.

```
.text, #text, p{  
    color:rgb(207, 60, 249)  
}
```

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(207, 60, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 60, 249) }
```

Border

The CSS property to change the border of an element to XYZ 44.4469, 23.3367, 91.7843 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(207, 60, 249) }
```


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

```
.border{ border-color:rgb(207, 60, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 60, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 60, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 60, 249);  
box-shadow:4px 4px 4px 4px rgb(207, 60,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4469, 23.3367, 91.7843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 60, 249) }
```

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

```
.background{ background-color: rgb(207, 60,  
249) }
```

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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