

Converting Colors

XYZ(34.3052, 17.2243, 22.4187)

Have a look what the booklet for
XYZ(34.3052, 17.2243, 22.4187)
contains.

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Color

**XYZ(34.3939, 17.2730,
22.2901)**

Conversions

Conversions Part 1

Format	Color
Hex	DF0081
RGB	223, 0, 129
RGB Percent	87%, 0%, 51%
CMY	0.1255, 0.9998, 0.4941
CMYK	0.00, 1.00, 0.42, 0.13
HSL	325°, 100%, 44%
HSV	325°, 100%, 87%
XYZ	34.3939, 17.2730, 22.2901
YIQ	81.3830, 91.4990, 87.3950

Conversions

Conversions Part 2

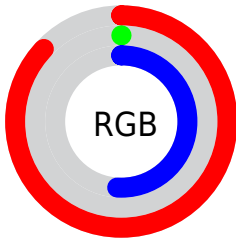
Format	Color
R_{YB}	223, 0, 129
Decimal	14614657
CIE _{Lab}	48.60, 77.84, -6.49
CIE _{LCh}	49, 78.114, 355.234
Yxy	17.2730, 0.4651, 0.2336
Android (android.graphics.Color)	4292804737 (0xFFDF0081)
YUV	81.3830, 23.4752, 124.1981
Hunter-Lab	41.5608, 74.9874, -2.7062

Details

The XYZ color **34.3939, 17.2730, 22.2901** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **28.4108, 53.5846, 19.4466**, and the grayscale version is **7.8445, 8.2530, 8.9875**.

A 20% lighter version of the original color is **53.5978, 32.4661, 47.6976**, and **16.1459, 8.1563, 8.3127** is the 20% darker color. If you saturate the color by 10%, you get **34.3925, 17.2724, 22.2830**, and if you desaturate by 10%, it is **35.3416, 18.1219, 25.8329**.

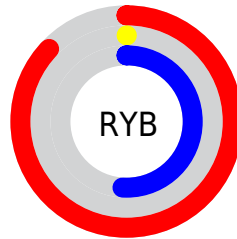
Distribution



Red (87%)

Green (0%)

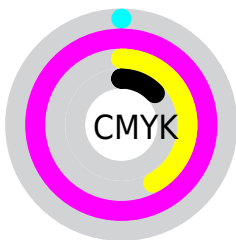
Blue (51%)



Red (87%)

Yellow (0%)

Blue (51%)

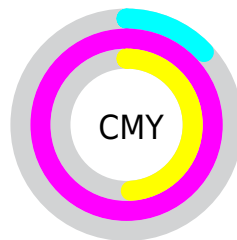


Cyan (0%)

Magenta (100%)

Yellow (42%)

Black (13%)



Cyan (13%)


Magenta (100%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3939, 17.2730, 22.2901 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 34.3939, 17.2730, 22.2901 by changing the saturation by 10% instead.


 34.3939, 17.2730,
22.2901


 34.3939, 17.2730,
22.2901


313.4400,
236.7407, 277.0603


 23.3607, 10.4293,
13.8699


 65.8860, 38.7946,
48.1333


 14.9822, 5.6845,
7.8925


 87.0756, 54.2412,
66.3934


 8.8931, 2.6542,
3.9394


 112.3813, 73.3244,
88.7705

 4.7281, 0.9540,
1.5922

 142.1686, 96.4284,
115.6832

 2.1217, 0.0000,
0.2852

 176.8027,
123.9376, 147.5499

 0.7010, 0.0000,
0.0000

 216.6491,

 0.0000, 0.0000,

156.2365, 184.7893

0.0000

262.0731,
193.7094, 227.8200

■ 34.3939, 17.2730,
22.2901

■ 34.3939, 17.2730,
22.2901

■ 34.3925, 17.2724,
22.2830

■ 35.3416, 18.1219,
25.8329

■ 36.6862, 19.6700,
29.7989

■ 38.5389, 22.1376,
34.2324

■ 40.9634, 25.6498,
39.1615

■ 44.0134, 30.3120,
44.6107

■ 47.7362, 36.2166,
50.6020

■ 52.1742, 43.4466,
57.1560

■ 57.3663, 52.0777,
64.2914

■ 63.3484, 62.1798,
72.0262

Harmonies

Analogous

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



30.5841, 17.2730, 51.5965



34.3939, 17.2730, 22.2901



32.3551, 17.2730, 6.4791

Triad

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



34.3939, 17.2730, 22.2901



11.2036, 17.2730, 0.9185



9.7321, 17.2730, 73.6367

Complementary

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



34.3939, 17.2730, 22.2901



28.4108, 53.5846, 19.4466

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.



6.8227, 17.2730, 41.2228



34.3939, 17.2730, 22.2901



7.4821, 17.2730, 4.0644

Square

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



34.3939, 17.2730, 22.2901



17.5923, 17.2730, 0.4162



6.1392, 17.2730, 15.7077



15.2961, 17.2730, 92.2186

Rectangle

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



34.3939, 17.2730, 22.2901



28.1958, 17.2730, 2.3803



6.1392, 17.2730, 15.7077



8.4833, 17.2730, 63.2116

Sweetspot

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



34.3944, 17.2740, 22.2904



70.5452, 58.6142, 77.2284



17.8284, 7.6531, 70.3495



14.5289, 11.6108, 15.7040



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.



34.3944, 17.2740, 22.2904



46.5448, 23.3819, 29.8649



30.5463, 15.7348, 2.0267



14.0379, 13.8328, 15.9699



20.2799, 10.1790, 13.4057



1.4501, 0.7233, 1.1632

Inverse Universe

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



34.3944, 17.2740, 22.2904



46.5448, 23.3819, 29.8649



37.3379, 57.1555, 66.4558



14.0379, 13.8328, 15.9699



20.2799, 10.1790, 13.4057



1.4501, 0.7233, 1.1632

Previews

White Background



This preview shows how the XYZ color 34.3939, 17.2730, 22.2901 looks on a white background.

Color Contrast Check

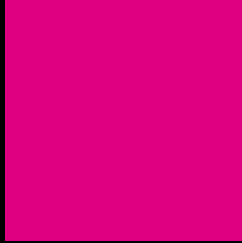
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 34.3939, 17.2730, 22.2901 looks on a black 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

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

XYZ 34.3939, 17.2730, 22.2901

Background



This preview shows how black text looks on a background with the XYZ color 34.3939, 17.2730, 22.2901.



This preview shows how white text looks on a background with the XYZ color 34.3939, 17.2730,

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

34.3939, 17.2730, 22.2901

Protanopia

19.2021, 17.9884, 48.3590

Deuteranopia

18.2492, 17.9557, 19.9567



Tritanopia

31.0171, 17.6757, 5.0258

Trichromacy



Original Color

34.3939, 17.2730, 22.2901



Protanomaly

19.8215, 12.9707, 37.0562



Deuteranomaly

21.0620, 13.9817, 20.3275



Tritanomaly

31.4797, 16.8279, 9.1784

Monochromacy



Original Color

34.3939, 17.2730, 22.2901



Achromatopsia

7.8210, 8.2283, 8.9606



Achromatomaly

13.1055, 8.3244, 12.4713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3939, 17.2730, 22.2901 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(223, 0, 129)` looks like.

```
.text, #text, p{  
    color:rgb(223, 0, 129)  
}
```

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(223, 0, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 0, 129) }
```

Border

The CSS property to change the border of an element to XYZ 34.3939, 17.2730, 22.2901 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(223, 0, 129) }
```


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

```
.border{ border-color:rgb(223, 0, 129) }
```

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

Here you see how a box with a 4 pixel rgb(223, 0, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 0, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 0, 129);  
box-shadow:4px 4px 4px 4px rgb(223, 0,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3939, 17.2730, 22.2901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 0, 129) }
```

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

```
.background{ background-color: rgb(223, 0,  
129) }
```

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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