

Converting Colors

XYZ(53.3030, 25.4490, 94.1992)

Have a look what the booklet for
XYZ(53.3030, 25.4490, 94.1992)
contains.

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Color

**XYZ(53.1673, 25.3790,
94.1919)**

Conversions

Conversions Part 1

Format	Color
Hex	EF00FC
RGB	239, 0, 252
RGB Percent	94%, 0%, 99%
CMY	0.0627, 0.9999, 0.0118
CMYK	0.05, 1.00, 0.00, 0.01
HSL	297°, 100%, 49%
HSV	297°, 100%, 99%
XYZ	53.1673, 25.3790, 94.1919
YIQ	100.1890, 61.5520, 129.0400

Conversions

Conversions Part 2

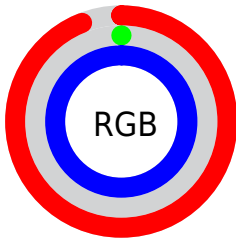
Format	Color
R _Y B	239, 0, 252
Decimal	15663356
CIE Lab	57.44, 95.41, -63.94
CIE LCh	57, 114.856, 326.172
Yxy	25.3790, 0.3078, 0.1469
Android (android.graphics.Color)	4293853436 (0xFFEF00FC)
YUV	100.1890, 74.8428, 121.7372
Hunter-Lab	50.3776, 100.2239, -75.5913

Details

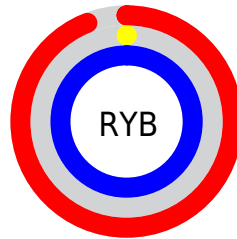
The XYZ color **53.1673, 25.3790, 94.1919** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **34.9772, 69.7070, 11.6123**, and the grayscale version is **11.9712, 12.5946, 13.7155**.

A 20% lighter version of the original color is **64.0414, 37.9827, 98.5638**, and **28.0977, 13.3600, 52.1368** is the 20% darker color. If you saturate the color by 10%, you get **53.1674, 25.3790, 94.1923**, and if you desaturate by 10%, it is **53.9612, 26.3119, 94.3305**.

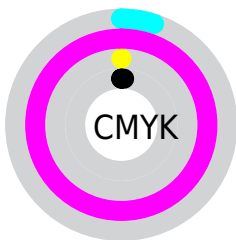
Distribution



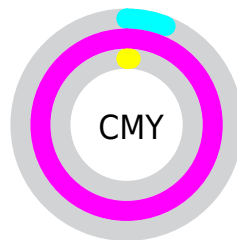
- Red (94%)
- Green (0%)
- Blue (99%)



- Red (94%)
- Yellow (0%)
- Blue (99%)



- Cyan (5%)
- Magenta (100%)
- Yellow (0%)
- Black (1%)





- Cyan (6%)
- Magenta (100%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1673, 25.3790, 94.1919 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 53.1673, 25.3790, 94.1919 by changing the saturation by 10% instead.


 53.1673, 25.3790,
94.1919


 53.1673, 25.3790,
94.1919


389.1770,
279.7202, 562.4928


 38.1644, 16.3596,
70.8694

 94.0146, 52.2714,
155.1337

 26.2881, 9.7790,
51.7545


 120.5896, 70.9133,
193.5900

 17.1731, 5.2527,
36.4285


 151.7528, 93.5314,
237.9281

 10.4540, 2.3963,
24.4730

 187.8693,
120.5102, 288.5664

 5.7656, 0.8240,
15.4694

 229.3047,
152.2341, 345.9235

 2.7424, 0.0000,
8.9992

276.4242,

 1.0190, 0.0000,

189.0874, 410.4179

4.6439

329.5932,
231.4547, 482.4681

■ 0.0000, 0.0000,
1.9848

■ 0.0000, 0.0000,
0.5459

■ 53.1673, 25.3790,
94.1919

■ 53.1673, 25.3790,
94.1919

■ 53.1674, 25.3790,
94.1923

■ 53.9612, 26.3119,
94.3305

■ 55.2116, 28.1539,
94.6201

■ 57.0586, 31.1845,
95.1077

■ 59.5869, 35.5732,
95.8216

■ 62.8679, 41.4622,
96.7854

■ 66.9635, 48.9759,
98.0198

■ 71.9295, 58.2255,
99.5434

■ 77.8166, 69.3127,
101.3732

■ 84.6716, 82.3311,
103.5247

Harmonies

Analogous

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



37.6545, 25.3790, 164.9645



53.1673, 25.3790, 94.1919



60.9475, 25.3790, 32.9643

Triad

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



53.1673, 25.3790, 94.1919



25.9179, 25.3790, 0.0000



7.3981, 25.3790, 75.8369

Complementary

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



53.1673, 25.3790, 94.1919



34.9772, 69.7070, 11.6123

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.



6.2640, 25.3790, 22.9106



53.1673, 25.3790, 94.1919



14.2958, 25.3790, 0.0000

Square

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



53.1673, 25.3790, 94.1919



41.8901, 25.3790, 0.2536



8.2243, 25.3790, 3.3523



12.2587, 25.3790, 148.9877

Rectangle

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



53.1673, 25.3790, 94.1919



59.1470, 25.3790, 11.5357



8.2243, 25.3790, 3.3523



6.6715, 25.3790, 54.3126

Sweetspot

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



53.1684, 25.3801, 94.1924



73.8730, 59.7793, 102.2528



17.7691, 7.4243, 92.5923



15.3274, 11.8897, 21.7371



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.



53.1684, 25.3801, 94.1924



54.6147, 26.0698, 96.7612



45.0894, 22.6739, 27.9136



17.8994, 17.4763, 21.8152



27.7351, 13.2407, 49.0675



2.5951, 1.2399, 4.5457

Inverse Universe

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



40.2183, 20.7255, 2.2626



41.3137, 21.2895, 2.3178



37.5832, 70.7302, 26.2018



17.2809, 17.2397, 18.0690



20.9653, 10.8018, 1.2595



1.9541, 1.0054, 0.1817

Previews

White Background



This preview shows how the XYZ color 53.1673, 25.3790, 94.1919 looks on a white background.

Color Contrast Check

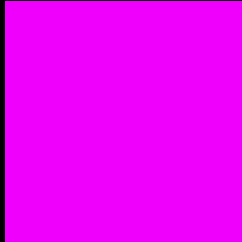
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.1673, 25.3790, 94.1919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

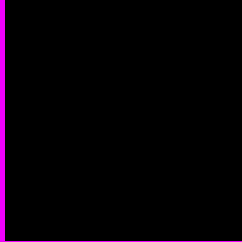
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 53.1673, 25.3790, 94.1919

Background



This preview shows how black text looks on a background with the XYZ color 53.1673, 25.3790, 94.1919.



This preview shows how white text looks on a background with the XYZ color 53.1673, 25.3790,

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

53.1673, 25.3790, 94.1919

Protanopia

29.6156, 26.0438, 98.0738

Deuteranopia

26.9789, 26.0639, 83.7297



Tritanopia

37.1876, 25.4939, 16.5965

Trichromacy



Original Color

53.1673, 25.3790, 94.1919



Protanomaly

31.2089, 18.9622, 95.7811



Deuteranomaly

28.8053, 18.3014, 86.0187



Tritanomaly

40.0304, 22.5522, 35.0441

Monochromacy



Original Color

53.1673, 25.3790, 94.1919



Achromatopsia

12.1130, 12.7438, 13.8780



Achromatomaly

20.5123, 12.6127, 32.3637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1673, 25.3790, 94.1919 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(239, 0, 252)` looks like.

```
.text, #text, p{  
    color:rgb(239, 0, 252)  
}
```

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(239, 0, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 0, 252) }
```

Border

The CSS property to change the border of an element to XYZ 53.1673, 25.3790, 94.1919 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(239, 0, 252) }
```


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

```
.border{ border-color:rgb(239, 0, 252) }
```

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

Here you see how a box with a 4 pixel rgb(239, 0, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 0, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 0, 252);  
box-shadow:4px 4px 4px 4px rgb(239, 0,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1673, 25.3790, 94.1919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 0, 252) }
```

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

```
.background{ background-color: rgb(239, 0,  
252) }
```

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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