

Converting Colors

XYZ(53.9126, 26.3830, 87.4196)

Have a look what the booklet for
XYZ(53.9126, 26.3830, 87.4196)
contains.

XYZ(53.7923, 26.3170, 87.0385)	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(53.7923, 26.3170,
87.0385)**

Conversions

Conversions Part 1

Format	Color
Hex	F417F3
RGB	244, 23, 243
RGB Percent	96%, 9%, 95%
CMY	0.0431, 0.9097, 0.0471
CMYK	0.00, 0.91, 0.00, 0.04
HSL	300°, 91%, 52%
HSV	300°, 91%, 96%
XYZ	53.7923, 26.3170, 87.0385
YIQ	114.1590, 61.0960, 115.2720

Conversions

Conversions Part 2

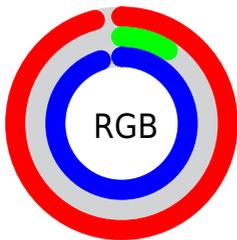
Format	Color
R _Y B	244, 23, 243
Decimal	15996915
CIE Lab	58.34, 93.17, -57.45
CIE LCh	58, 109.455, 328.341
Yxy	26.3170, 0.3218, 0.1574
Android (android.graphics.Color)	4294186995 (0xFFFF417F3)
YUV	114.1590, 63.5186, 113.8706
Hunter-Lab	51.3001, 97.3965, -64.6845

Details

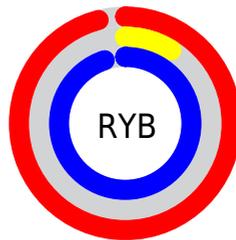
The XYZ color **53.7923, 26.3170, 87.0385** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **32.8702, 64.9508, 11.6699**, and the grayscale version is **15.8489, 16.6743, 18.1583**.

A 20% lighter version of the original color is **64.6526, 39.2051, 98.7675**, and **28.3914, 13.6125, 47.5854** is the 20% darker color. If you saturate the color by 10%, you get **53.4707, 25.6982, 86.8538**, and if you desaturate by 10%, it is **54.5368, 27.7783, 87.3692**.

Distribution



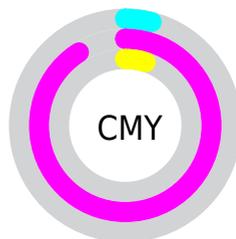
- Red (96%)
- Green (9%)
- Blue (95%)



- Red (96%)
- Yellow (9%)
- Blue (95%)



- Cyan (0%)
- Magenta (91%)
- Yellow (0%)
- Black (4%)



- Cyan (4%)
- Magenta (91%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7923, 26.3170, 87.0385 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 53.7923, 26.3170, 87.0385 by changing the saturation by 10% instead.

 53.7923, 26.3170,
87.0385

 53.7923, 26.3170,
87.0385

391.5288,
284.3348, 538.6689

 38.6656, 17.0609,
64.9673

 94.9279, 53.7859,
145.1171

 26.6793, 10.2780,
46.9834

 121.6675, 72.7675,
181.9616

 17.4678, 5.5836,
32.6682

 153.0089, 95.7598,
224.5676

 10.6660, 2.5936,
21.6034

 189.3173,
123.1471, 273.3536

 5.9083, 0.9234,
13.3702

 230.9582,
155.3139, 328.7382

 2.8295, 0.0000,
7.5503

278.2968,

 1.0643, 0.0000,

192.6445, 391.1399

3.7249

331.6985,
235.5233, 460.9773

■ 0.0000, 0.0000,
1.4757

■ 0.0000, 0.0000,
0.1997

■ 53.7923, 26.3170,
87.0385

■ 53.7923, 26.3170,
87.0385

■ 53.4707, 25.6982,
86.8538

■ 54.5368, 27.7783,
87.3692

■ 55.8260, 30.3299,
87.8814

■ 57.7401, 34.1314,
88.6019

■ 60.3453, 39.3150,
89.5529

63.6994, 45.9964,
90.7535

67.8541, 54.2791,
92.2211

72.8566, 64.2573,
93.9713

78.7504, 76.0179,
96.0186

85.5759, 89.6422,
98.3766

Harmonies

Analogous

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



39.2627, 26.3170, 154.0041



53.7923, 26.3170, 87.0385



60.3820, 26.3170, 30.8327

Triad

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



53.7923, 26.3170, 87.0385



25.7629, 26.3170, 0.0000



8.5555, 26.3170, 79.5448

Complementary

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



53.7923, 26.3170, 87.0385



32.8702, 64.9508, 11.6699

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.



7.1437, 26.3170, 26.5818



53.7923, 26.3170, 87.0385



14.7112, 26.3170, 0.2968

Square

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



53.7923, 26.3170, 87.0385



41.0242, 26.3170, 0.5183



8.9236, 26.3170, 4.8135



13.8274, 26.3170, 147.5756

Rectangle

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



53.7923, 26.3170, 87.0385



58.0876, 26.3170, 11.2052



8.9236, 26.3170, 4.8135



7.7185, 26.3170, 58.5208

Sweetspot

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



53.7934, 26.3182, 87.0390



76.8303, 63.6410, 102.5792



16.9902, 7.3280, 86.1082



16.0624, 12.8590, 21.8220



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.



53.7934, 26.3182, 87.0390



59.1045, 28.4058, 96.0033



41.8848, 21.5548, 24.3295



17.2103, 16.7670, 20.8537



29.0755, 13.9736, 47.2336



2.5565, 1.2286, 4.1568

Inverse Universe

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



53.7934, 26.3182, 87.0390



59.1045, 28.4058, 96.0033



36.9742, 66.5924, 33.2815



17.2103, 16.7670, 20.8537



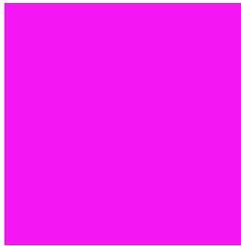
29.0755, 13.9736, 47.2336



2.5565, 1.2286, 4.1568

Previews

White Background



This preview shows how the XYZ color 53.7923, 26.3170, 87.0385 looks on a white background.

Color Contrast Check

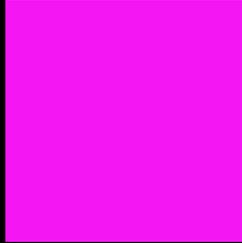
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.7923, 26.3170, 87.0385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

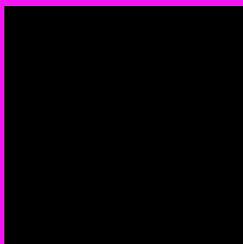
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 53.7923, 26.3170, 87.0385

Background



This preview shows how black text looks on a background with the XYZ color 53.7923, 26.3170, 87.0385.



This preview shows how white text looks on a background with the XYZ color 53.7923, 26.3170,

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

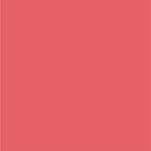
53.7923, 26.3170, 87.0385

Protanopia

30.3039, 26.8168, 98.1867

Deuteranopia

27.5982, 26.7331, 77.8342



Tritanopia

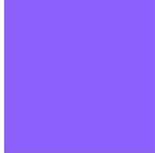
39.0360, 26.1867, 15.8291

Trichromacy



Original Color

53.7923, 26.3170, 87.0385



Protanomaly

32.4107, 20.9062, 93.5939



Deuteranomaly

30.7206, 20.6052, 80.1999



Tritanomaly

41.9546, 24.2058, 33.0328

Monochromacy



Original Color

53.7923, 26.3170, 87.0385



Achromatopsia

15.9940, 16.8269, 18.3245



Achromatomaly

24.0734, 16.0351, 35.5445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7923, 26.3170, 87.0385 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(244, 23, 243)` looks like.

```
.text, #text, p{  
    color:rgb(244, 23, 243)  
}
```

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(244, 23, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 23, 243) }
```

Border

The CSS property to change the border of an element to XYZ 53.7923, 26.3170, 87.0385 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(244, 23, 243) }
```


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

```
.border{ border-color:rgb(244, 23, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 23, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 23, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 23, 243);  
box-shadow:4px 4px 4px 4px rgb(244, 23,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7923, 26.3170, 87.0385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 23, 243) }
```

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

```
.background{ background-color: rgb(244, 23,  
243) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor