

Converting Colors

XYZ(54.0255, 26.1480, 96.8073)

Have a look what the booklet for
XYZ(54.0255, 26.1480, 96.8073)
contains.

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Color

**XYZ(53.8968, 26.0710,
96.7993)**

Conversions

Conversions Part 1

Format	Color
Hex	EF14FF
RGB	239, 20, 255
RGB Percent	94%, 8%, 100%
CMY	0.0627, 0.9215, 0.0000
CMYK	0.06, 0.92, 0.00, 0.00
HSL	296°, 100%, 54%
HSV	296°, 92%, 100%
XYZ	53.8968, 26.0710, 96.7993
YIQ	112.2710, 55.0890, 119.5130

Conversions

Conversions Part 2

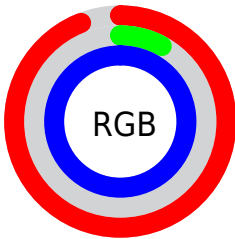
Format	Color
R _Y B	239, 20, 255
Decimal	15668479
CIE Lab	58.10, 94.44, -64.54
CIE LCh	58, 114.386, 325.649
Yxy	26.0710, 0.3049, 0.1475
Android (android.graphics.Color)	4293858559 (0xFFEF14FF)
YUV	112.2710, 70.3654, 111.1413
Hunter-Lab	51.0598, 99.0634, -76.6604

Details

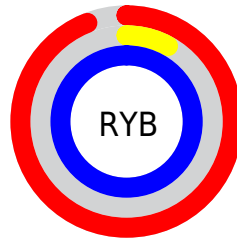
The XYZ color **53.8968, 26.0710, 96.7993** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light washed magenta. A complement of this color would be **36.6146, 71.9460, 12.6199**, and the grayscale version is **15.2729, 16.0683, 17.4984**.

A 20% lighter version of the original color is **64.5477, 38.9954, 98.7326**, and **28.4381, 13.4962, 53.9295** is the 20% darker color. If you saturate the color by 10%, you get **53.1889, 25.3347, 96.6945**, and if you desaturate by 10%, it is **55.1947, 27.7915, 97.0629**.

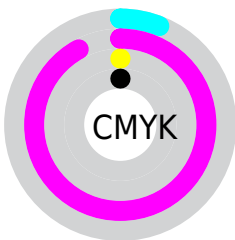
Distribution



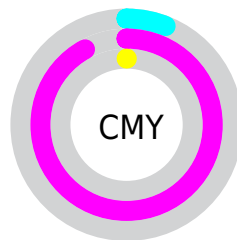
- Red (94%)
- Green (8%)
- Blue (100%)



- Red (94%)
- Yellow (8%)
- Blue (100%)



- Cyan (6%)
- Magenta (92%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (92%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8968, 26.0710, 96.7993 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 53.8968, 26.0710, 96.7993 by changing the saturation by 10% instead.


 53.8968, 26.0710,
96.7993

 53.8968, 26.0710,
96.7993


391.9211,
283.1304, 571.0402


 38.7495, 16.8768,
73.0283


 95.0805, 53.3895,
158.7650


 26.7448, 10.1467,
53.5071


 121.8476, 72.2825,
197.7967


 17.5172, 5.4963,
37.8173


 153.2187, 95.1772,
242.7525

 10.7015, 2.5413,
25.5402

 189.5591,
122.4581, 294.0508

 5.9323, 0.8973,
16.2573

 231.2342,
154.5094, 352.1102

 2.8442, 0.0000,
9.5501

278.6093,

 1.0719, 0.0000,

191.7157, 417.3491

5.0000

332.0498,
234.4612, 490.1863

■ 0.0014, 0.0000,
2.1885

■ 0.0000, 0.0000,
0.6677

■ 53.8968, 26.0710,
96.7993

■ 53.8968, 26.0710,
96.7993

■ 53.1889, 25.3347,
96.6945

■ 55.1947, 27.7915,
97.0629

■ 57.0855, 30.6904,
97.5228

■ 59.6618, 34.9518,
98.2096

■ 62.9993, 40.7272,
99.1485

67.1638, 48.1481,
100.3613

72.2138, 57.3317,
101.8678

78.2027, 68.3844,
103.6855

85.1794, 81.4044,
105.8309

93.1896, 96.4828,
108.3192

Harmonies

Analogous

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



38.1815, 26.0710, 167.5066



53.8968, 26.0710, 96.7993



61.9312, 26.0710, 34.5728

Triad

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



53.8968, 26.0710, 96.7993



26.8547, 26.0710, 0.0000



7.6949, 26.0710, 75.8299

Complementary

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



53.8968, 26.0710, 96.7993



36.6146, 71.9460, 12.6199

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.



6.5853, 26.0710, 22.9867



53.8968, 26.0710, 96.7993



14.9503, 26.0710, 0.0000

Square

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



53.8968, 26.0710, 96.7993



43.0410, 26.0710, 0.4016



8.6587, 26.0710, 3.4395



12.5891, 26.0710, 149.3197

Rectangle

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



53.8968, 26.0710, 96.7993



60.2702, 26.0710, 12.3878



8.6587, 26.0710, 3.4395



6.9686, 26.0710, 54.3190

Sweetspot

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



53.8979, 26.0721, 96.7994



74.5817, 61.6847, 102.5832



19.0843, 8.8598, 95.3120



15.4371, 12.2354, 21.7980



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.



53.8979, 26.0721, 96.7994



53.1889, 25.3347, 96.6945



47.5842, 24.1985, 34.1022



18.6634, 18.2337, 22.7857



27.8443, 13.2647, 50.5274



2.7463, 1.3097, 4.9213

Inverse Universe

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



41.8092, 21.8885, 3.6918



41.3440, 21.3016, 2.4778



39.3147, 72.9752, 29.1308



18.0595, 18.0071, 18.9306



21.6216, 11.1379, 1.3917



2.1219, 1.0911, 0.2234

Previews

White Background



This preview shows how the XYZ color 53.8968, 26.0710, 96.7993 looks on a white background.

Color Contrast Check

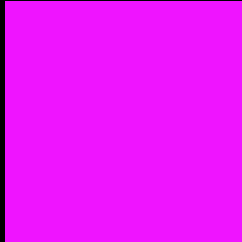
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.8968, 26.0710, 96.7993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

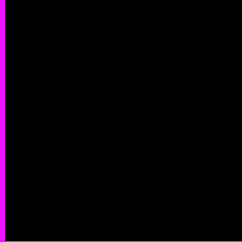
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 53.8968, 26.0710, 96.7993

Background



This preview shows how black text looks on a background with the XYZ color 53.8968, 26.0710, 96.7993.



This preview shows how white text looks on a background with the XYZ color 53.8968, 26.0710,

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

53.8968, 26.0710, 96.7993

Protanopia

29.9960, 26.4480, 98.1318

Deuteranopia

27.4330, 26.4648, 86.1004



Tritanopia

37.4847, 25.9197, 17.2147

Trichromacy



Original Color

53.8968, 26.0710, 96.7993



Protanomaly

32.3692, 20.5438, 96.8670



Deuteranomaly

29.6582, 19.7312, 88.6315



Tritanomaly

40.7453, 23.7019, 36.1456

Monochromacy



Original Color

53.8968, 26.0710, 96.7993



Achromatopsia

15.4009, 16.2029, 17.6450



Achromatomaly

23.5974, 15.5414, 36.8780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8968, 26.0710, 96.7993 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, 20, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 20, 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(239, 20, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 20, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.8968, 26.0710, 96.7993 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, 20, 255) }
```


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

```
.border{ border-color:rgb(239, 20, 255) }
```

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

Here you see how a box with a 4 pixel rgb(239, 20, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 20, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 20, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 20,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8968, 26.0710, 96.7993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 20, 255) }
```

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

```
.background{ background-color: rgb(239, 20,  
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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