

Converting Colors

XYZ(54.0923, 26.2933, 74.4732)

Have a look what the booklet for
XYZ(54.0923, 26.2933, 74.4732)
contains.

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Color

**XYZ(53.8724, 26.1864,
74.1666)**

Conversions

Conversions Part 1

Format	Color
Hex	FC00E2
RGB	252, 0, 226
RGB Percent	99%, 0%, 89%
CMY	0.0118, 0.9998, 0.1137
CMYK	0.00, 1.00, 0.10, 0.01
HSL	306°, 100%, 49%
HSV	306°, 100%, 99%
XYZ	53.8724, 26.1864, 74.1666
YIQ	101.1120, 77.6460, 123.7100

Conversions

Conversions Part 2

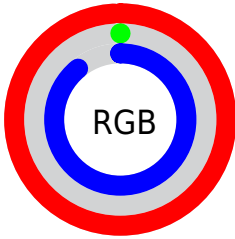
Format	Color
RYB	252, 0, 226
Decimal	16515298
CIELab	58.21, 93.90, -48.02
CIELCh	58, 105.469, 332.917
Yxy	26.1864, 0.3493, 0.1698
Android (android.graphics.Color)	4294705378 (0xFFFC00E2)
YUV	101.1120, 61.5698, 132.3288
Hunter-Lab	51.1726, 98.3651, -50.1106

Details

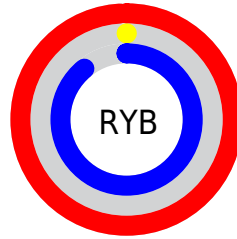
The XYZ color **53.8724, 26.1864, 74.1666** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **34.9984, 69.6967, 12.5882**, and the grayscale version is **12.2376, 12.8749, 14.0208**.

A 20% lighter version of the original color is **64.1402, 38.1805, 98.5967**, and **28.4909, 13.8494, 39.2018** is the 20% darker color. If you saturate the color by 10%, you get **53.8722, 26.1864, 74.1635**, and if you desaturate by 10%, it is **54.5855, 27.0364, 76.1785**.

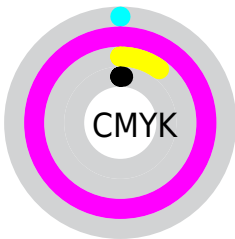
Distribution



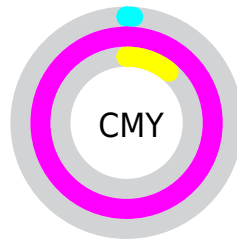
- Red (99%)
- Green (0%)
- Blue (89%)



- Red (99%)
- Yellow (0%)
- Blue (89%)



- Cyan (0%)
- Magenta (100%)
- Yellow (10%)
- Black (1%)





- Cyan (1%)
- Magenta (100%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8724, 26.1864, 74.1666 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 53.8724, 26.1864, 74.1666 by changing the saturation by 10% instead.


 53.8724, 26.1864,
74.1666


 53.8724, 26.1864,
74.1666

391.8295,
283.6959, 494.2269


 38.7299, 16.9631,
54.4328

 95.0449, 53.5755,
126.8682

 26.7295, 10.2082,
38.5523


 121.8055, 72.5101,
160.6730


 17.5057, 5.5372,
26.1064


 153.1697, 95.4507,
200.0053

 10.6932, 2.5658,
16.6768

 189.5026,
122.7815, 245.2835

 5.9267, 0.9095,
9.8448

 231.1697,
154.8871, 296.9263

 2.8408, 0.0000,
5.1919

278.5363,

 1.0701, 0.0000,

192.1517, 355.3521

2.2996

331.9678,
234.9599, 420.9794

■ 0.0000, 0.0000,
0.7310

■ 0.0000, 0.0000,
0.0000

■ 53.8724, 26.1864,
74.1666

■ 53.8724, 26.1864,
74.1666

■ 53.8722, 26.1864,
74.1635

■ 54.5855, 27.0364,
76.1785

■ 55.7574, 28.7962,
78.3701

■ 57.5284, 31.7451,
80.7883

■ 59.9831, 36.0528,
83.4614

■ 63.1926, 41.8615,
86.4133

■ 67.2193, 49.2954,
89.6649

■ 72.1187, 58.4660,
93.2347

■ 77.9416, 69.4747,
97.1399

■ 84.7349, 82.4152,
101.3962

Harmonies

Analogous

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



40.8076, 26.1864, 138.0995



53.8724, 26.1864, 74.1666



58.4606, 26.1864, 25.0735

Triad

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



53.8724, 26.1864, 74.1666



23.6577, 26.1864, 0.0000



9.4152, 26.1864, 86.5505

Complementary

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



53.8724, 26.1864, 74.1666



34.9984, 69.6967, 12.5882

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.



7.5100, 26.1864, 32.2525



53.8724, 26.1864, 74.1666



13.7650, 26.1864, 0.8272

Square

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



53.8724, 26.1864, 74.1666



37.8647, 26.1864, 0.4520



8.7751, 26.1864, 6.9517



15.2792, 26.1864, 148.6257

Rectangle

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



53.8724, 26.1864, 74.1666



55.1482, 26.1864, 8.9273



8.7751, 26.1864, 6.9517



8.4030, 26.1864, 65.7212

Sweetspot

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



53.8734, 26.1877, 74.1671



74.0649, 60.0220, 95.7628



17.9783, 7.2391, 92.5463



15.3746, 11.9491, 20.1574



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.



53.8734, 26.1877, 74.1671



55.3389, 26.8996, 76.1737



42.4864, 21.6329, 14.2041



17.9113, 17.4919, 21.3887



28.0947, 13.6536, 38.8025



2.6236, 1.2732, 3.7074

Inverse Universe

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



53.8734, 26.1877, 74.1671



55.3389, 26.8996, 76.1737



40.4151, 71.8634, 41.1125



17.9113, 17.4919, 21.3887



28.0947, 13.6536, 38.8025



2.6236, 1.2732, 3.7074

Previews

White Background



This preview shows how the XYZ color 53.8724, 26.1864, 74.1666 looks on a white background.

Color Contrast Check

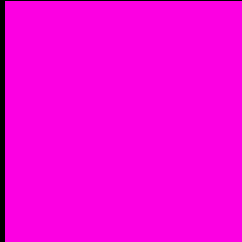
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.8724, 26.1864, 74.1666 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 53.8724, 26.1864, 74.1666

Background



This preview shows how black text looks on a background with the XYZ color 53.8724, 26.1864, 74.1666.



This preview shows how white text looks on a background with the XYZ color 53.8724, 26.1864,

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

53.8724, 26.1864, 74.1666

Protanopia

30.6182, 27.1908, 98.2423

Deuteranopia

27.4461, 26.6978, 65.9940



Tritanopia

41.5279, 26.4782, 13.5117

Trichromacy



Original Color

53.8724, 26.1864, 74.1666



Protanomaly

31.3205, 19.4404, 87.6896



Deuteranomaly

30.5940, 19.6281, 67.8218



Tritanomaly

43.6538, 24.1123, 27.9445

Monochromacy



Original Color

53.8724, 26.1864, 74.1666



Achromatopsia

12.3695, 13.0136, 14.1719



Achromatomaly

20.7320, 12.8100, 28.5740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8724, 26.1864, 74.1666 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(252, 0, 226)` looks like.

```
.text, #text, p{  
    color:rgb(252, 0, 226)  
}
```

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(252, 0, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 0, 226) }
```

Border

The CSS property to change the border of an element to XYZ 53.8724, 26.1864, 74.1666 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(252, 0, 226) }
```


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

```
.border{ border-color:rgb(252, 0, 226) }
```

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

Here you see how a box with a 4 pixel rgb(252, 0, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 0, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 0, 226);  
box-shadow:4px 4px 4px 4px rgb(252, 0,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8724, 26.1864, 74.1666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 0, 226) }
```

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

```
.background{ background-color: rgb(252, 0,  
226) }
```

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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