

Converting Colors

XYZ(58.5986, 30.2185, 94.0746)

Have a look what the booklet for
XYZ(58.5986, 30.2185, 94.0746)
contains.

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Color

**XYZ(58.5624, 30.2066,
94.0107)**

Conversions

Conversions Part 1

Format	Color
Hex	FB37FB
RGB	251, 55, 251
RGB Percent	98%, 22%, 98%
CMY	0.0157, 0.7843, 0.0157
CMYK	0.00, 0.78, 0.00, 0.02
HSL	300°, 96%, 60%
HSV	300°, 78%, 98%
XYZ	58.5624, 30.2066, 94.0107
YIQ	135.9480, 53.9000, 102.5080

Conversions

Conversions Part 2

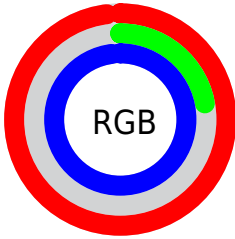
Format	Color
R_{YB}	251, 55, 251
Decimal	16463867
CIE _{Lab}	61.83, 89.98, -56.25
CIE _{LCh}	62, 106.117, 327.989
Yxy	30.2066, 0.3204, 0.1653
Android (android.graphics.Color)	4294653947 (0xFFFB37FB)
YUV	135.9480, 56.7206, 100.9006
Hunter-Lab	54.9605, 94.0172, -62.9439

Details

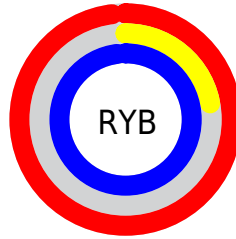
The XYZ color **58.5624, 30.2066, 94.0107** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **36.7637, 70.0838, 15.2058**, and the grayscale version is **23.1651, 24.3715, 26.5406**.

A 20% lighter version of the original color is **66.4977, 42.8953, 99.3826**, and **30.9728, 14.8422, 52.2713** is the 20% darker color. If you saturate the color by 10%, you get **57.6589, 28.3986, 93.7096**, and if you desaturate by 10%, it is **60.0737, 33.2282, 94.5148**.

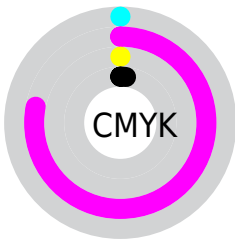
Distribution



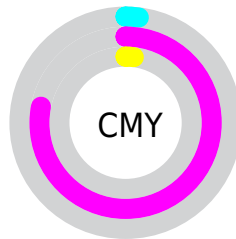
- Red (98%)
- Green (22%)
- Blue (98%)



- Red (98%)
- Yellow (22%)
- Blue (98%)



- Cyan (0%)
- Magenta (78%)
- Yellow (0%)
- Black (2%)





- Cyan (2%)
- Magenta (78%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.5624, 30.2066, 94.0107 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 58.5624, 30.2066, 94.0107 by changing the saturation by 10% instead.


 58.5624, 30.2066,
94.0107


 58.5624, 30.2066,
94.0107

409.1985,
302.8663, 561.8962


 42.5060, 19.9955,
70.7195


 101.8597, 59.9888,
154.8809


 29.6905, 12.3917,
51.6329


 129.8312, 80.3285,
193.2971


 19.7507, 7.0111,
36.3323


 162.5051,
104.8133, 237.5919

 12.3212, 3.4690,
24.3993

 200.2469,
133.8276, 288.1841

 7.0366, 1.3812,
15.4151

 243.4217,
167.7556, 345.4920

 3.5315, 0.2028,
8.9614

292.3950,

 1.4407, 0.0000,

206.9817, 409.9344

4.6195

347.5321,
251.8905, 481.9296

■ 0.2849, 0.0000,
1.9710

■ 0.0000, 0.0000,
0.5374

■ 58.5624, 30.2066,
94.0107

■ 58.5624, 30.2066,
94.0107

■ 57.6589, 28.3986,
93.7096

■ 60.0737, 33.2282,
94.5148

■ 57.2491, 27.5790,
93.5729

■ 62.2700, 37.6208,
95.2470

■ 57.1968, 27.4746,
93.5555

■ 65.2211, 43.5228,
96.2308

■ 68.9869, 51.0545,
97.4862

73.6217, 60.3241,
99.0312

79.1750, 71.4305,
100.8824

85.6924, 84.4653,
103.0550

92.9571, 98.9947,
105.4766

92.9571, 98.9947,
105.4767

Harmonies

Analogous

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



43.4881, 30.2066, 161.1013



58.5624, 30.2066, 94.0107



65.4522, 30.2066, 35.7051

Triad

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



58.5624, 30.2066, 94.0107



29.6773, 30.2066, 0.0388



10.7467, 30.2066, 84.7773

Complementary

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



58.5624, 30.2066, 94.0107



36.7637, 70.0838, 15.2058

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.



9.1830, 30.2066, 30.2266



58.5624, 30.2066, 94.0107



17.7288, 30.2066, 0.9019

Square

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



58.5624, 30.2066, 94.0107



45.7093, 30.2066, 1.1762



11.2510, 30.2066, 6.4444



16.5547, 30.2066, 153.3312

Rectangle

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



58.5624, 30.2066, 94.0107



63.2008, 30.2066, 14.1989



11.2510, 30.2066, 6.4444



9.8118, 30.2066, 63.3503

Sweetspot

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



58.5636, 30.2080, 94.0113



79.1089, 68.1179, 103.5861



20.3557, 10.5111, 92.2241



16.5003, 13.7156, 22.0276



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.



58.5636, 30.2080, 94.0113



59.4649, 28.8301, 97.0373



46.9012, 25.5430, 32.5980



17.9931, 17.5246, 21.8195



30.0646, 14.4416, 49.1759



2.7845, 1.3375, 4.5545

Inverse Universe

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



58.5636, 30.2080, 94.0113



59.4649, 28.8301, 97.0373



41.8241, 72.1080, 41.8536



17.9931, 17.5246, 21.8195



30.0646, 14.4416, 49.1759



2.7845, 1.3375, 4.5545

Previews

White Background



This preview shows how the XYZ color 58.5624, 30.2066, 94.0107 looks on a white background.

Color Contrast Check

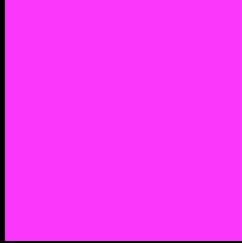
Large Text (above 18pt) WCAG AA × Fail

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 58.5624, 30.2066, 94.0107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

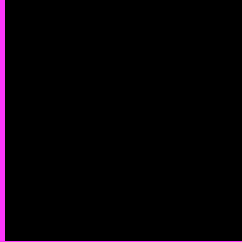
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.5624, 30.2066, 94.0107

Background



This preview shows how black text looks on a background with the XYZ color 58.5624, 30.2066, 94.0107.



This preview shows how white text looks on a background with the XYZ color 58.5624, 30.2066,

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

58.5624, 30.2066, 94.0107

Protanopia

33.5844, 30.4871, 98.7222

Deuteranopia

31.4479, 30.6364, 84.3767



Tritanopia

43.1070, 29.8189, 20.0066

Trichromacy



Original Color

58.5624, 30.2066, 94.0107



Protanomaly

37.3121, 25.9346, 96.8052



Deuteranomaly

35.6753, 25.6408, 87.0733



Tritanomaly

46.6395, 28.5621, 38.6522

Monochromacy



Original Color

58.5624, 30.2066, 94.0107



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

31.6537, 23.1947, 44.9282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5624, 30.2066, 94.0107 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(251, 55, 251)` looks like.

```
.text, #text, p{  
    color:rgb(251, 55, 251)  
}
```

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(251, 55, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 55, 251) }
```

Border

The CSS property to change the border of an element to XYZ 58.5624, 30.2066, 94.0107 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(251, 55, 251) }
```


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

```
.border{ border-color:rgb(251, 55, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 55, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 55, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 55, 251);  
box-shadow:4px 4px 4px 4px rgb(251, 55,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5624, 30.2066, 94.0107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 55, 251) }
```

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

```
.background{ background-color: rgb(251, 55,  
251) }
```

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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