

Converting Colors

XYZ(50.3863, 26.1850, 97.0063)

Have a look what the booklet for
XYZ(50.3863, 26.1850, 97.0063)
contains.

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Color

**XYZ(50.3544, 26.1952,
97.0100)**

Conversions

Conversions Part 1

Format	Color
Hex	E03BFF
RGB	224, 59, 255
RGB Percent	88%, 23%, 100%
CMY	0.1216, 0.7686, 0.0000
CMYK	0.12, 0.77, 0.00, 0.00
HSL	291°, 100%, 62%
HSV	291°, 77%, 100%
XYZ	50.3544, 26.1952, 97.0100
YIQ	130.6790, 35.4240, 95.9360

Conversions

Conversions Part 2

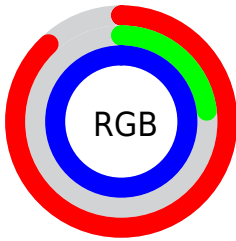
Format	Color
R _Y B	224, 59, 255
Decimal	14695423
CIE Lab	58.22, 84.66, -64.48
CIE LCh	58, 106.417, 322.705
Yxy	26.1952, 0.2901, 0.1509
Android (android.graphics.Color)	4292885503 (0xFFE03BFF)
YUV	130.6790, 61.2903, 81.8425
Hunter-Lab	51.1812, 86.0491, -76.5526

Details

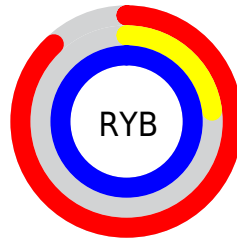
The XYZ color **50.3544, 26.1952, 97.0100** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **40.7665, 74.0097, 16.2753**, and the grayscale version is **21.2407, 22.3469, 24.3357**.

A 20% lighter version of the original color is **66.4977, 42.8953, 99.3826**, and **25.3879, 11.9237, 53.7867** is the 20% darker color. If you saturate the color by 10%, you get **48.1139, 23.5469, 96.6169**, and if you desaturate by 10%, it is **53.2659, 30.1394, 97.6178**.

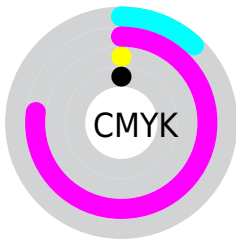
Distribution



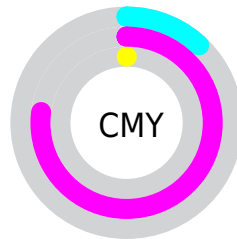
- Red (88%)
- Green (23%)
- Blue (100%)



- Red (88%)
- Yellow (23%)
- Blue (100%)



- Cyan (12%)
- Magenta (77%)
- Yellow (0%)
- Black (0%)





- Cyan (12%)
- Magenta (77%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.3544, 26.1952, 97.0100 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 50.3544, 26.1952, 97.0100 by changing the saturation by 10% instead.


 50.3544, 26.1952,
97.0100

 50.3544, 26.1952,
97.0100


378.4794,
283.7390, 571.7278


 35.9140, 16.9697,
73.2029


 89.8884, 53.5897,
159.0580


 24.5376, 10.2129,
53.6491


 115.7128, 72.5275,
198.1360


 15.8598, 5.5404,
37.9299


 146.0625, 95.4715,
243.1413

 9.5152, 2.5677,
25.6269

 181.3030,
122.8062, 294.4926

 5.1385, 0.9104,
16.3215

 221.7996,
154.9159, 352.6084

 2.3644, 0.0000,
9.5951

267.9176,

 0.8273, 0.0000,

192.1850, 417.9071

5.0293

320.0224,
234.9979, 490.8074

■ 0.0000, 0.0000,
2.2054

■ 0.0000, 0.0000,
0.6775

■ 50.3544, 26.1952,
97.0100

■ 50.3544, 26.1952,
97.0100

■ 48.1139, 23.5469,
96.6169

■ 53.2659, 30.1394,
97.6178

■ 46.4369, 21.9830,
96.4034

■ 56.9275, 35.5406,
98.4673

■ 45.9774, 21.6171,
96.3570

■ 61.4106, 42.5399,
99.5821

■ 66.7768, 51.2609,
100.9826

73.0822, 61.8148,
102.6873

80.3777, 74.3035,
104.7134

88.7106, 88.8214,
107.0764

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



35.7716, 26.1952, 157.3962



50.3544, 26.1952, 97.0100



58.5675, 26.1952, 38.5453

Triad

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



50.3544, 26.1952, 97.0100



28.1878, 26.1952, 0.0000



8.2915, 26.1952, 65.7456

Complementary

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



50.3544, 26.1952, 97.0100



40.7665, 74.0097, 16.2753

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.



7.4903, 26.1952, 20.4071



50.3544, 26.1952, 97.0100



16.4864, 26.1952, 0.1547

Square

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



50.3544, 26.1952, 97.0100



43.1902, 26.1952, 1.1058



9.9015, 26.1952, 3.4830



12.6737, 26.1952, 130.8328

Rectangle

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



50.3544, 26.1952, 97.0100



57.8502, 26.1952, 15.5607



9.9015, 26.1952, 3.4830



7.6746, 26.1952, 47.2076

Sweetspot

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



50.3554, 26.1963, 97.0101



75.7783, 66.4009, 103.4304



23.6529, 15.7477, 96.4007



15.6786, 13.2920, 21.9892



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.



50.3554, 26.1963, 97.0101



47.1897, 22.6240, 96.4874



52.0624, 28.0919, 51.2040



18.4939, 18.1464, 22.7778



24.1299, 11.3499, 50.3535



2.4218, 1.1424, 4.9061

Inverse Universe

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



44.6500, 25.1269, 12.1706



42.2484, 22.0750, 5.9713



41.2235, 73.9138, 31.2751



18.1265, 18.0339, 19.2833



21.7863, 11.2038, 2.2592



2.1534, 1.1037, 0.3891

Previews

White Background



This preview shows how the XYZ color 50.3544, 26.1952, 97.0100 looks on a white background.

Color Contrast Check

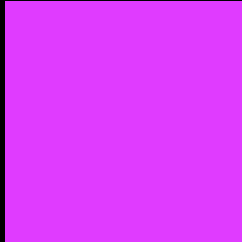
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.3544, 26.1952, 97.0100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

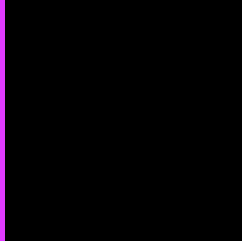
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 50.3544, 26.1952, 97.0100

Background



This preview shows how black text looks on a background with the XYZ color 50.3544, 26.1952, 97.0100.



This preview shows how white text looks on a background with the XYZ color 50.3544, 26.1952,

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

50.3544, 26.1952, 97.0100

Protanopia

30.0786, 26.4906, 98.1356

Deuteranopia

27.5635, 26.7175, 87.7086



Tritanopia

34.4678, 25.8226, 20.6204

Trichromacy



Original Color

50.3544, 26.1952, 97.0100



Protanomaly

32.9283, 22.8507, 97.2828



Deuteranomaly

30.3284, 22.2968, 90.7009



Tritanomaly

38.3356, 24.6276, 39.7789

Monochromacy



Original Color

50.3544, 26.1952, 97.0100



Achromatopsia

21.5731, 22.6966, 24.7166



Achromatomaly

28.4051, 21.2371, 43.6763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3544, 26.1952, 97.0100 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(224, 59, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 59, 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(224, 59, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 59, 255) }
```

Border

The CSS property to change the border of an element to XYZ 50.3544, 26.1952, 97.0100 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(224, 59, 255) }
```


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

```
.border{ border-color:rgb(224, 59, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 59, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 59, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 59, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 59,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3544, 26.1952, 97.0100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 59, 255) }
```

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

```
.background{ background-color: rgb(224, 59,  
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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