

Converting Colors

XYZ(53.2615, 32.0592, 97.9886)

Have a look what the booklet for
XYZ(53.2615, 32.0592, 97.9886)
contains.

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Color

**XYZ(53.2523, 31.9910,
97.9759)**

Conversions

Conversions Part 1

Format	Color
Hex	E063FF
RGB	224, 99, 255
RGB Percent	88%, 39%, 100%
CMY	0.1216, 0.6117, 0.0000
CMYK	0.12, 0.61, 0.00, 0.00
HSL	288°, 100%, 69%
HSV	288°, 61%, 100%
XYZ	53.2523, 31.9910, 97.9759
YIQ	154.1590, 24.4240, 75.0160

Conversions

Conversions Part 2

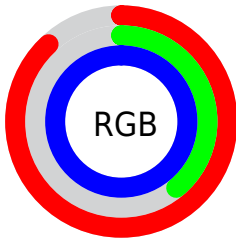
Format	Color
R _{YB}	224, 99, 255
Decimal	14705663
CIE Lab	63.34, 70.23, -56.30
CIE LCh	63, 90.013, 321.283
Yxy	31.9910, 0.2906, 0.1746
Android (android.graphics.Color)	4292895743 (0xFFE063FF)
YUV	154.1590, 49.7146, 61.2506
Hunter-Lab	56.5606, 69.0783, -63.1115

Details

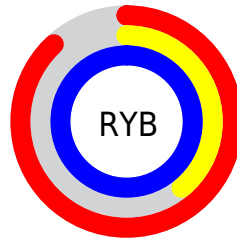
The XYZ color **53.2523, 31.9910, 97.9759** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **47.2188, 77.1670, 24.2117**, and the grayscale version is **30.5674, 32.1593, 35.0215**.

A 20% lighter version of the original color is **71.1785, 52.2569, 100.9428**, and **26.2567, 13.3537, 54.0170** is the 20% darker color. If you saturate the color by 10%, you get **49.6598, 27.1017, 97.2215**, and if you desaturate by 10%, it is **57.6563, 38.4317, 98.9870**.

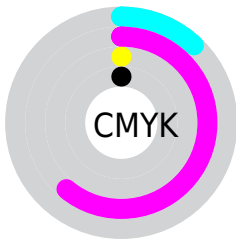
Distribution



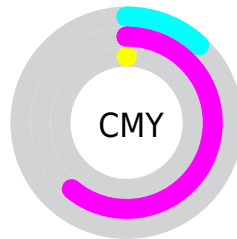
- Red (88%)
- Green (39%)
- Blue (100%)



- Red (88%)
- Yellow (39%)
- Blue (100%)



- Cyan (12%)
- Magenta (61%)
- Yellow (0%)
- Black (0%)





- Cyan (12%)
- Magenta (61%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2523, 31.9910, 97.9759 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 53.2523, 31.9910, 97.9759 by changing the saturation by 10% instead.


 53.2523, 31.9910,
97.9759

 53.2523, 31.9910,
97.9759


389.4974,
311.0783, 574.8747


 38.2325, 21.3546,
74.0038


 94.1389, 62.7970,
160.4003

 26.3412, 13.3835,
54.3003

 120.7363, 83.7354,
199.6898

 17.2131, 7.6931,
38.4470


 151.9238,
108.8766, 244.9220

 10.4828, 3.8992,
26.0253

 188.0665,
138.6049, 296.5156

 5.7849, 1.6174,
16.6166

229.5298,
173.3049, 354.8891

 2.7542, 0.3693,
9.8025

276.6792,

 1.0251, 0.0000,

213.3608, 420.4611

5.1643

329.8799,
259.1572, 493.6501

■ 0.0000, 0.0000,
2.2836

■ 0.0000, 0.0000,
0.7220

■ 53.2523, 31.9910,
97.9759

■ 53.2523, 31.9910,
97.9759

■ 49.6598, 27.1017,
97.2215

■ 57.6563, 38.4317,
98.9870

■ 46.8002, 23.6106,
96.6984

■ 62.9337, 46.5499,
100.2758

■ 44.5848, 21.3396,
96.3768

■ 69.1439, 56.4632,
101.8619

■ 43.0421, 20.1039,
96.2196

■ 76.3401, 68.2773,
103.7630

84.5714, 82.0898,
105.9953

93.8834, 97.9914,
108.5738

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.



39.9813, 31.9910, 146.2294



53.2523, 31.9910, 97.9759



60.8510, 31.9910, 46.3280

Triad

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



53.2523, 31.9910, 97.9759



34.1924, 31.9910, 1.4876



13.0719, 31.9910, 66.2305

Complementary

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



53.2523, 31.9910, 97.9759



47.2188, 77.1670, 24.2117

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.



12.3123, 31.9910, 25.4162



53.2523, 31.9910, 97.9759



22.4971, 31.9910, 2.0161

Square

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



53.2523, 31.9910, 97.9759



48.0330, 31.9910, 4.0121



15.2561, 31.9910, 7.0960



17.7251, 31.9910, 120.7515

Rectangle

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



53.2523, 31.9910, 97.9759



60.5549, 31.9910, 23.0359



15.2561, 31.9910, 7.0960



12.4148, 31.9910, 50.0944

Sweetspot

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



53.2535, 31.9923, 97.9761



78.8387, 72.4410, 104.4350



31.2060, 25.8926, 97.9608



16.3836, 14.6868, 22.2213



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.



53.2535, 31.9923, 97.9761



49.0853, 26.3648, 97.1096



57.1123, 34.7487, 63.5016



18.4183, 18.1074, 22.7743



22.6150, 10.5689, 50.2826



2.2877, 1.0733, 4.8999

Inverse Universe

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



49.7318, 31.7965, 24.6363



45.9521, 26.5351, 16.2919



46.0792, 76.2422, 39.4017



18.1569, 18.0461, 19.4434



21.8987, 11.2488, 2.8511



2.1687, 1.1098, 0.4696

Previews

White Background



This preview shows how the XYZ color 53.2523, 31.9910, 97.9759 looks on a white background.

Color Contrast Check

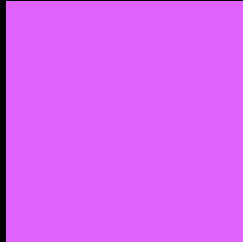
Large Text (above 18pt) WCAG AA × Fail

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 53.2523, 31.9910, 97.9759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

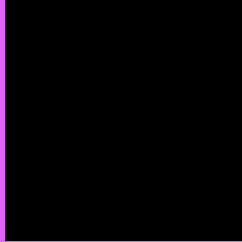
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.2523, 31.9910, 97.9759

Background



This preview shows how black text looks on a background with the XYZ color 53.2523, 31.9910, 97.9759.



This preview shows how white text looks on a background with the XYZ color 53.2523, 31.9910,

97.9759.

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

53.2523, 31.9910, 97.9759

Protanopia

35.2630, 32.2839, 98.9806

Deuteranopia

33.4039, 32.4705, 90.8931



Tritanopia

39.0714, 31.8355, 29.2849

Trichromacy



Original Color

53.2523, 31.9910, 97.9759



Protanomaly

38.9288, 30.0319, 98.3527



Deuteranomaly

37.4780, 30.0007, 93.4379



Tritanomaly

42.8915, 31.1065, 47.9995

Monochromacy



Original Color

53.2523, 31.9910, 97.9759



Achromatopsia

30.7148, 32.3143, 35.1903



Achromatomaly

36.5195, 30.3955, 53.2323

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2523, 31.9910, 97.9759 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, 99, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 99, 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, 99, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 99, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.2523, 31.9910, 97.9759 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, 99, 255) }
```


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

```
.border{ border-color:rgb(224, 99, 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, 99, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 99, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 99, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 99,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2523, 31.9910, 97.9759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 99, 255) }
```

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

```
.background{ background-color: rgb(224, 99,  
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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