

Converting Colors

XYZ(25.3943, 13.1261, 31.3250)

Have a look what the booklet for
XYZ(25.3943, 13.1261, 31.3250)
contains.

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Color

**XYZ(25.5054, 13.1735,
31.3355)**

Conversions

Conversions Part 1

Format	Color
Hex	B61E99
RGB	182, 30, 153
RGB Percent	71%, 12%, 60%
CMY	0.2863, 0.8823, 0.4000
CMYK	0.00, 0.84, 0.16, 0.29
HSL	311°, 72%, 42%
HSV	311°, 84%, 71%
XYZ	25.5054, 13.1735, 31.3355
YIQ	89.4700, 51.1090, 70.4770

Conversions

Conversions Part 2

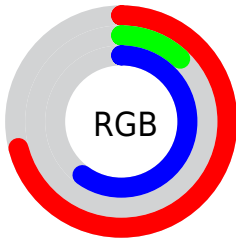
Format	Color
R_{YB}	182, 30, 153
Decimal	11935385
CIE _{Lab}	43.02, 68.09, -30.28
CIE _{LCh}	43, 74.521, 336.025
Yxy	13.1735, 0.3643, 0.1882
Android (android.graphics.Color)	4290125465 (0xFFB61E99)
YUV	89.4700, 31.3203, 81.1488
Hunter-Lab	36.2953, 61.9185, -25.7812

Details

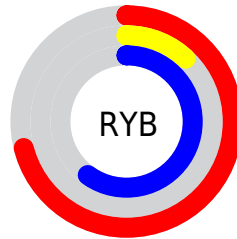
The XYZ color **25.5054, 13.1735, 31.3355** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **18.0535, 34.0481, 9.7596**, and the grayscale version is **9.5257, 10.0217, 10.9137**.

A 20% lighter version of the original color is **51.8437, 31.6206, 63.0454**, and **10.8064, 5.2996, 12.7653** is the 20% darker color. If you saturate the color by 10%, you get **24.8878, 12.3903, 29.7351**, and if you desaturate by 10%, it is **26.3980, 14.4927, 33.0690**.

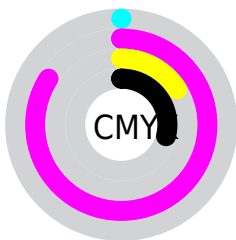
Distribution



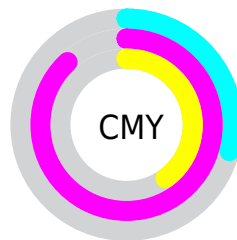
- Red (71%)
- Green (12%)
- Blue (60%)



- Red (71%)
- Yellow (12%)
- Blue (60%)



- Cyan (0%)
- Magenta (84%)
- Yellow (16%)
- Black (29%)





- Cyan (29%)
- Magenta (88%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5054, 13.1735, 31.3355 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 25.5054, 13.1735, 31.3355 by changing the saturation by 10% instead.

 25.5054, 13.1735,
31.3355


 25.5054, 13.1735,
31.3355


272.6470,
212.0266, 322.4799


 16.5847, 7.5481,
20.5939


 51.9130, 31.6151,
62.8537


 10.0323, 3.8072,
12.6391


 70.1306, 45.2002,
84.4672


 5.4828, 1.5663,
7.0527


 92.1779, 62.2073,
110.5419

 2.5709, 0.3347,
3.4161

 118.4202, 83.0207,
141.4961

 0.9311, 0.0000,
1.3108

 149.2229,
108.0250, 177.7485

 0.0000, 0.0000,
0.0707

 184.9514,

 0.0000, 0.0000,

137.6045, 219.7176

0.0000

225.9710,
172.1436, 267.8219

■ 25.5054, 13.1735,
31.3355

■ 25.5054, 13.1735,
31.3355

■ 24.8878, 12.3903,
29.7351

■ 26.3980, 14.4927,
33.0690

■ 24.5795, 12.0603,
28.7491

■ 27.6042, 16.4260,
34.9484

■ 29.1579, 19.0405,
36.9855

■ 31.0880, 22.3941,
39.1903

■ 33.4204, 26.5387,
41.5718

■ 36.1788, 31.5213,
44.1381

■ 39.3848, 37.3852,
46.8968

■ 43.0588, 44.1709,
49.8549

■ 47.2198, 51.9162,
53.0192

Harmonies

Analogous

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



20.1711, 13.1735, 57.9016



25.5054, 13.1735, 31.3355



26.9599, 13.1735, 11.2838

Triad

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



25.5054, 13.1735, 31.3355



11.4012, 13.1735, 0.0048



5.5640, 13.1735, 42.0048

Complementary

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



25.5054, 13.1735, 31.3355



18.0535, 34.0481, 9.7596

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.



4.4569, 13.1735, 17.9122



25.5054, 13.1735, 31.3355



7.1006, 13.1735, 0.9724

Square

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



25.5054, 13.1735, 31.3355



17.5450, 13.1735, 0.4255



4.9182, 13.1735, 4.9717



8.5612, 13.1735, 66.6987

Rectangle

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



25.5054, 13.1735, 31.3355



25.2389, 13.1735, 4.4842



4.9182, 13.1735, 4.9717



5.0080, 13.1735, 33.0881

Sweetspot

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



25.5059, 13.1742, 31.3357



64.5734, 55.2985, 79.1052



10.6458, 5.2024, 44.6992



13.8672, 11.4987, 17.1083



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.5059, 13.1742, 31.3357



44.4786, 21.8317, 51.6814



21.1363, 11.4263, 8.3258



9.3055, 9.1326, 10.9560



17.3809, 8.5261, 20.4246



0.6319, 0.3082, 0.8210

Inverse Universe

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



25.5059, 13.1742, 31.3357



44.4786, 21.8317, 51.6814



21.5578, 35.4499, 28.2132



9.3055, 9.1326, 10.9560



17.3809, 8.5261, 20.4246



0.6319, 0.3082, 0.8210

Previews

White Background



This preview shows how the XYZ color 25.5054, 13.1735, 31.3355 looks on a white background.

Color Contrast Check

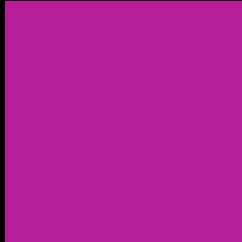
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 25.5054, 13.1735, 31.3355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

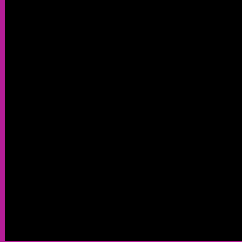
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.5054, 13.1735, 31.3355

Background



This preview shows how black text looks on a background with the XYZ color 25.5054, 13.1735, 31.3355.



This preview shows how white text looks on a background with the XYZ color 25.5054, 13.1735,

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

25.5054, 13.1735, 31.3355

Protanopia

16.2390, 13.6656, 62.1034

Deuteranopia

13.8099, 13.5911, 28.2810



Tritanopia

20.4200, 13.2089, 7.1035

Trichromacy



Original Color

25.5054, 13.1735, 31.3355



Protanomaly

14.7760, 10.1914, 49.3325



Deuteranomaly

15.8769, 11.4130, 28.9699



Tritanomaly

21.6597, 12.7232, 13.3708

Monochromacy



Original Color

25.5054, 13.1735, 31.3355



Achromatopsia

9.4954, 9.9899, 10.8790



Achromatomaly

13.1601, 9.5151, 16.4722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5054, 13.1735, 31.3355 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(182, 30, 153)` looks like.

```
.text, #text, p{  
    color:rgb(182, 30, 153)  
}
```

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(182, 30, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 30, 153) }
```

Border

The CSS property to change the border of an element to XYZ 25.5054, 13.1735, 31.3355 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(182, 30, 153) }
```


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

```
.border{ border-color:rgb(182, 30, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 30, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 30, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 30, 153); box-shadow:4px 4px 4px 4px rgb(182, 30, 153) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5054, 13.1735, 31.3355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 30, 153) }
```

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

```
.background{ background-color: rgb(182, 30,  
153) }
```

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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