

Converting Colors

XYZ(25.4107, 13.3220, 83.4377)

Have a look what the booklet for
XYZ(25.4107, 13.3220, 83.4377)
contains.

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Color

**XYZ(25.4065, 13.3087,
83.6678)**

Conversions

Conversions Part 1

Format	Color
Hex	7C37F0
RGB	124, 55, 240
RGB Percent	49%, 22%, 94%
CMY	0.5137, 0.7843, 0.0588
CMYK	0.48, 0.77, 0.00, 0.06
HSL	262°, 86%, 58%
HSV	262°, 77%, 94%
XYZ	25.4065, 13.3087, 83.6678
YIQ	96.7210, -18.2610, 72.1630

Conversions

Conversions Part 2

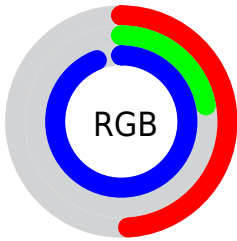
Format	Color
R _Y B	124, 55, 240
Decimal	8140784
CIE Lab	43.22, 66.81, -81.08
CIE LCh	43, 105.055, 309.489
Yxy	13.3087, 0.2076, 0.1087
Android (android.graphics.Color)	4286330864 (0xFF7C37F0)
YUV	96.7210, 70.6365, 23.9237
Hunter-Lab	36.4811, 60.4707, -110.4423

Details

The XYZ color **25.4065, 13.3087, 83.6678** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **48.6431, 71.2535, 14.8039**, and the grayscale version is **11.1304, 11.7101, 12.7523**.

A 20% lighter version of the original color is **43.5262, 28.4716, 97.8092**, and **10.2346, 4.2888, 45.0881** is the 20% darker color. If you saturate the color by 10%, you get **22.5196, 10.5197, 83.2820**, and if you desaturate by 10%, it is **29.1805, 17.3767, 84.2544**.

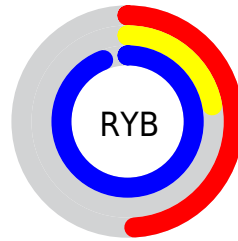
Distribution



Red (49%)

Green (22%)

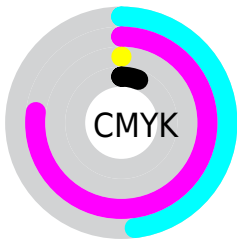
Blue (94%)



Red (49%)

Yellow (22%)

Blue (94%)

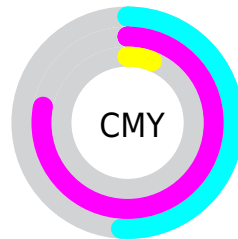


Cyan (48%)

Magenta (77%)

Yellow (0%)

Black (6%)



Cyan (51%)


Magenta (78%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4065, 13.3087, 83.6678 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 25.4065, 13.3087, 83.6678 by changing the saturation by 10% instead.


 25.4065, 13.3087,
83.6678

 25.4065, 13.3087,
83.6678


272.1668,
212.8867, 527.2386

 16.5105, 7.6415,
62.1974

 51.7541, 31.8573,
140.3680

 9.9793, 3.8664,
44.7554


 69.9364, 45.5074,
176.4348


 5.4474, 1.5991,
30.9233


 91.9448, 62.5873,
218.2042

 2.5495, 0.3570,
20.2824

 118.1448, 83.4813,
266.0947

 0.9203, 0.0000,
12.4144

 148.9016,
108.5739, 320.5249

 0.0000, 0.0000,
6.9006

 184.5806,

 0.0000, 0.0000,

138.2493, 381.9132

3.3225

225.5472,
172.8922, 450.6783

■ 0.0000, 0.0000,
1.2616

■ 0.0000, 0.0000,
0.0300

■ 25.4065, 13.3087,
83.6678

■ 25.4065, 13.3087,
83.6678

■ 22.5196, 10.5197,
83.2820

■ 29.1805, 17.3767,
84.2544

■ 20.4110, 8.8181,
83.0647

■ 33.9241, 22.8716,
85.0650

■ 19.8982, 8.4410,
83.0189

■ 39.7117, 29.9213,
86.1207

■ 46.6091, 38.6389,
87.4399

■ 54.6763, 49.1266,
89.0390

■ 63.9686, 61.4781,
90.9333

■ 74.5377, 75.7804,
93.1369

■ 86.4321, 92.1152,
95.6629

■ 92.7282, 99.0713,
96.6737

Harmonies

Analogous

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



15.4026, 13.3087, 118.5105



25.4065, 13.3087, 83.6678



33.6385, 13.3087, 36.4907

Triad

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



25.4065, 13.3087, 83.6678



18.9485, 13.3087, 0.0000



2.6525, 13.3087, 23.1854

Complementary

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



25.4065, 13.3087, 83.6678



48.6431, 71.2535, 14.8039

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.



2.9361, 13.3087, 3.7900



25.4065, 13.3087, 83.6678



10.2457, 13.3087, 0.0000

Square

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



25.4065, 13.3087, 83.6678



28.9349, 13.3087, 0.5396



5.0906, 13.3087, 0.0000



4.0197, 13.3087, 65.6000

Rectangle

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



25.4065, 13.3087, 83.6678



35.5737, 13.3087, 14.8937



5.0906, 13.3087, 0.0000



2.5780, 13.3087, 14.0955

Sweetspot

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



25.4073, 13.3090, 83.6682



66.8502, 61.7983, 103.0126



32.0880, 36.6720, 87.8256



13.5126, 12.1754, 21.8878



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.



25.4073, 13.3090, 83.6682



24.2444, 10.7308, 95.4012



45.2168, 23.5212, 84.5952



15.4543, 15.5159, 19.9019



11.0276, 4.6903, 45.4520



1.0239, 0.4451, 3.7862

Inverse Universe

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



44.6516, 24.1977, 40.8425



48.3867, 24.4609, 38.5090



35.1299, 64.2872, 14.1715



16.1897, 15.9256, 18.5551



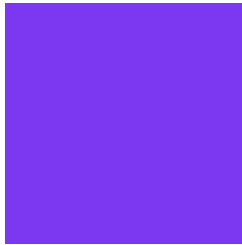
22.7727, 11.3815, 17.2515



1.9425, 0.9660, 1.6878

Previews

White Background



This preview shows how the XYZ color 25.4065, 13.3087, 83.6678 looks on a white background.

Color Contrast Check

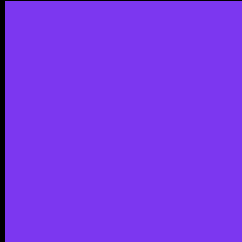
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4065, 13.3087, 83.6678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

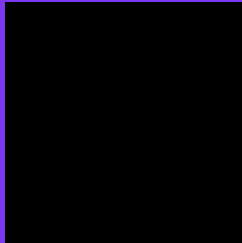
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.4065, 13.3087, 83.6678

Background



This preview shows how black text looks on a background with the XYZ color 25.4065, 13.3087, 83.6678.



This preview shows how white text looks on a background with the XYZ color 25.4065, 13.3087,

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

25.4065, 13.3087, 83.6678

Protanopia

15.6302, 13.2404, 60.7633

Deuteranopia

13.0875, 13.3175, 44.0002



Tritanopia

11.9948, 13.1943, 17.2438

Trichromacy



Original Color

25.4065, 13.3087, 83.6678

Protanomaly

16.8857, 11.7069, 68.3875

Deuteranomaly

15.0330, 11.5913, 56.7034

Tritanomaly

15.0653, 11.9836, 34.3199

Monochromacy



Original Color

25.4065, 13.3087, 83.6678

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

14.5055, 11.3303, 29.8562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4065, 13.3087, 83.6678 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(124, 55, 240)` looks like.

```
.text, #text, p{  
    color:rgb(124, 55, 240)  
}
```

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(124, 55, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 55, 240) }
```

Border

The CSS property to change the border of an element to XYZ 25.4065, 13.3087, 83.6678 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(124, 55, 240) }
```


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

```
.border{ border-color:rgb(124, 55, 240) }
```

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

Here you see how a box with a 4 pixel rgb(124, 55, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 55, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 55, 240);  
box-shadow:4px 4px 4px 4px rgb(124, 55,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4065, 13.3087, 83.6678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 55, 240) }
```

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

```
.background{ background-color: rgb(124, 55,  
240) }
```

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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