

Converting Colors

XYZ(27.4708, 13.3362, 85.5357)

Have a look what the booklet for
XYZ(27.4708, 13.3362, 85.5357)
contains.

XYZ(27.5182, 13.3463, 85.9197)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.5182, 13.3463,
85.9197)**

Conversions

Conversions Part 1

Format	Color
Hex	8B26F3
RGB	139, 38, 243
RGB Percent	55%, 15%, 95%
CMY	0.4549, 0.8510, 0.0471
CMYK	0.43, 0.84, 0.00, 0.05
HSL	270°, 90%, 55%
HSV	270°, 84%, 95%
XYZ	27.5182, 13.3463, 85.9197
YIQ	91.5690, -5.6090, 85.1670

Conversions

Conversions Part 2

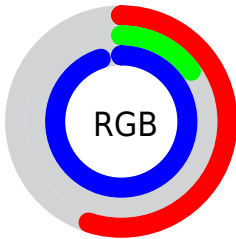
Format	Color
R _{YB}	139, 38, 243
Decimal	9119475
CIE Lab	43.28, 75.25, -82.61
CIE LCh	43, 111.747, 312.333
Yxy	13.3463, 0.2170, 0.1053
Android (android.graphics.Color)	4287309555 (0xFF8B26F3)
YUV	91.5690, 74.6555, 41.5970
Hunter-Lab	36.5326, 70.5232, -113.8692

Details

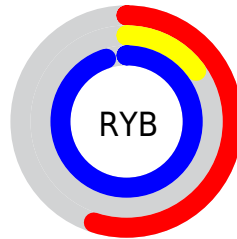
The XYZ color **27.5182, 13.3463, 85.9197** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **43.5553, 69.9918, 13.0479**, and the grayscale version is **9.9101, 10.4262, 11.3541**.

A 20% lighter version of the original color is **46.3313, 28.4230, 97.6520**, and **11.6586, 4.9986, 46.2493** is the 20% darker color. If you saturate the color by 10%, you get **25.0351, 11.2644, 85.6491**, and if you desaturate by 10%, it is **30.7409, 16.5602, 86.3705**.

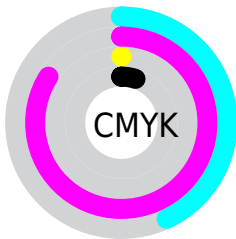
Distribution



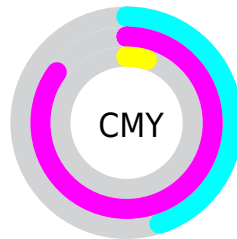
- Red (55%)
- Green (15%)
- Blue (95%)



- Red (55%)
- Yellow (15%)
- Blue (95%)



- Cyan (43%)
- Magenta (84%)
- Yellow (0%)
- Black (5%)





- Cyan (45%)
- Magenta (85%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5182, 13.3463, 85.9197 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 27.5182, 13.3463, 85.9197 by changing the saturation by 10% instead.

 27.5182, 13.3463,
85.9197


 27.5182, 13.3463,
85.9197


282.2795,
213.1253, 534.8901

 18.1014, 7.6674,
64.0471


 55.1283, 31.9245,
143.5430


 11.1229, 3.8829,
46.2424


 74.0524, 45.5927,
180.1307

 6.2175, 1.6083,
32.0871


 96.8762, 62.6928,
222.4605

 3.0197, 0.3632,
21.1626

 123.9652, 83.6091,
270.9510

 1.1642, 0.0000,
13.0505

 155.6846,
108.7262, 326.0206

 0.0778, 0.0000,
7.3322

 192.3999,

 0.0000, 0.0000,

138.4283, 388.0880

3.5891

234.4764,
173.0998, 457.5717

■ 0.0000, 0.0000,
1.4028

■ 0.0000, 0.0000,
0.1439

■ 27.5182, 13.3463,
85.9197

■ 27.5182, 13.3463,
85.9197

■ 25.0351, 11.2644,
85.6491

■ 30.7409, 16.5602,
86.3705

■ 23.8856, 10.4446,
85.5514

■ 34.7932, 21.0792,
87.0292

■ 39.7527, 27.0468,
87.9197

■ 45.6861, 34.5863,
89.0622

■ 52.6531, 43.8077,
90.4749

■ 60.7082, 54.8107,
92.1742

■ 69.9018, 67.6871,
94.1750

■ 80.2808, 82.5221,
96.4914

■ 91.3443, 98.3059,
98.9549

Harmonies

Analogous

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



16.5823, 13.3463, 128.5399



27.5182, 13.3463, 85.9197



36.0694, 13.3463, 34.3285

Triad

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



27.5182, 13.3463, 85.9197



18.4364, 13.3463, 0.0000



2.3835, 13.3463, 27.2747

Complementary

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



27.5182, 13.3463, 85.9197



43.5553, 69.9918, 13.0479

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.



2.5175, 13.3463, 4.3352



27.5182, 13.3463, 85.9197



9.4522, 13.3463, 0.0000

Square

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



27.5182, 13.3463, 85.9197



29.3949, 13.3463, 0.0000



4.4541, 13.3463, 0.0000



3.9309, 13.3463, 76.0650

Rectangle

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



27.5182, 13.3463, 85.9197



37.6394, 13.3463, 12.6770



4.4541, 13.3463, 0.0000



2.2641, 13.3463, 16.5594

Sweetspot

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



27.5190, 13.3467, 85.9201



67.0620, 60.2247, 102.6977



26.9378, 26.8046, 88.5483



13.6527, 11.9260, 21.8323



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.



27.5190, 13.3467, 85.9201



26.6010, 11.6282, 95.4502



52.6648, 26.3098, 87.0969



16.3587, 16.3276, 20.8319



13.2642, 5.8123, 46.9608



1.2842, 0.5719, 4.1329

Inverse Universe

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



42.5376, 22.3939, 27.6703



45.2265, 22.8546, 22.9226



33.3317, 64.7214, 12.5695



16.8499, 16.6228, 18.9563



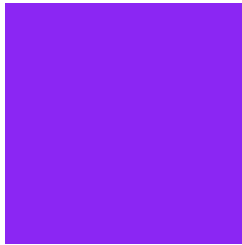
22.3261, 11.2739, 11.6913



2.0142, 1.0116, 1.3009

Previews

White Background



This preview shows how the XYZ color 27.5182, 13.3463, 85.9197 looks on a white background.

Color Contrast Check

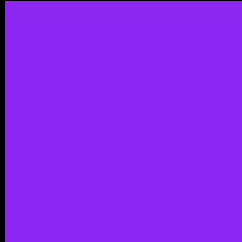
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5182, 13.3463, 85.9197 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 27.5182, 13.3463, 85.9197

Background



This preview shows how black text looks on a background with the XYZ color 27.5182, 13.3463, 85.9197.



This preview shows how white text looks on a background with the XYZ color 27.5182, 13.3463,

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

27.5182, 13.3463, 85.9197

Protanopia

15.8470, 13.4777, 61.4407

Deuteranopia

13.1883, 13.3578, 44.5310



Tritanopia

13.3954, 13.3640, 15.7834

Trichromacy



Original Color

27.5182, 13.3463, 85.9197



Protanomaly

17.0703, 11.2320, 69.6749



Deuteranomaly

14.9683, 10.8529, 57.1830



Tritanomaly

16.2624, 11.6300, 32.8402

Monochromacy



Original Color

27.5182, 13.3463, 85.9197



Achromatopsia

10.1725, 10.7023, 11.6548



Achromatomaly

13.8905, 9.9925, 28.8004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5182, 13.3463, 85.9197 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(139, 38, 243)` looks like.

```
.text, #text, p{  
  color:rgb(139, 38, 243)  
}
```

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(139, 38, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 38, 243) }
```

Border

The CSS property to change the border of an element to XYZ 27.5182, 13.3463, 85.9197 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(139, 38, 243) }
```


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

```
.border{ border-color:rgb(139, 38, 243) }
```

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

Here you see how a box with a 4 pixel rgb(139, 38, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 38, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 38, 243);  
box-shadow:4px 4px 4px 4px rgb(139, 38,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5182, 13.3463, 85.9197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 38, 243) }
```

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

```
.background{ background-color: rgb(139, 38,  
243) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor