

Converting Colors

XYZ(32.2687, 15.2002, 91.3472)

Have a look what the booklet for
XYZ(32.2687, 15.2002, 91.3472)
contains.

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Color

**XYZ(32.3227, 15.2180,
91.6763)**

Conversions

Conversions Part 1

Format	Color
Hex	A11AFA
RGB	161, 26, 250
RGB Percent	63%, 10%, 98%
CMY	0.3686, 0.8980, 0.0196
CMYK	0.36, 0.90, 0.00, 0.02
HSL	276°, 96%, 54%
HSV	276°, 90%, 98%
XYZ	32.3227, 15.2180, 91.6763
YIQ	91.9010, 8.5560, 98.2840

Conversions

Conversions Part 2

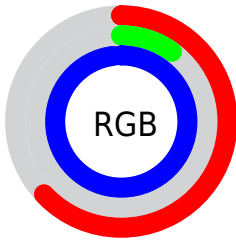
Format	Color
R _Y B	161, 26, 250
Decimal	10558202
CIE Lab	45.93, 82.06, -82.08
CIE LCh	46, 116.059, 314.992
Yxy	15.2180, 0.2322, 0.1093
Android (android.graphics.Color)	4288748282 (0xFFA11AFA)
YUV	91.9010, 77.9428, 60.5998
Hunter-Lab	39.0103, 79.6317, -112.0277

Details

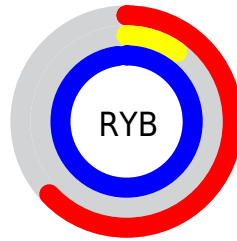
The XYZ color **32.3227, 15.2180, 91.6763** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **41.4421, 72.0907, 12.7080**, and the grayscale version is **9.9760, 10.4956, 11.4297**.

A 20% lighter version of the original color is **52.3571, 31.1153, 97.8541**, and **14.6600, 6.4584, 50.3431** is the 20% darker color. If you saturate the color by 10%, you get **30.0420, 13.5100, 91.4672**, and if you desaturate by 10%, it is **35.2201, 17.9207, 92.0456**.

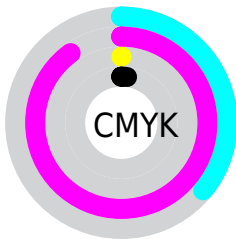
Distribution



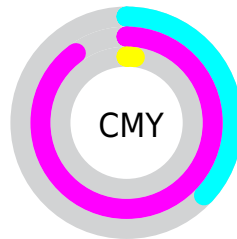
- Red (63%)
- Green (10%)
- Blue (98%)



- Red (63%)
- Yellow (10%)
- Blue (98%)



- Cyan (36%)
- Magenta (90%)
- Yellow (0%)
- Black (2%)





- Cyan (37%)
- Magenta (90%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3227, 15.2180, 91.6763 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 32.3227, 15.2180, 91.6763 by changing the saturation by 10% instead.

 32.3227, 15.2180,
91.6763


 32.3227, 15.2180,
91.6763


304.3059,
224.6820, 554.1790


 21.7648, 8.9725,
68.7903


 62.6784, 35.2352,
151.6205


 13.7998, 4.7233,
50.0702


 83.2070, 49.7756,
189.5157


 8.0624, 2.0858,
35.0976


 107.7899, 67.8499,
233.2511

 4.1870, 0.6566,
23.4539

 136.7924, 89.8424,
283.2451

 1.8085, 0.0000,
14.7206

 170.5799,
116.1374, 339.9164

 0.5228, 0.0000,
8.4791

 209.5177,

 0.0000, 0.0000,

147.1194, 403.6835

4.3109

253.9713,
183.1728, 474.9648

■ 0.0000, 0.0000,
1.7974

■ 0.0000, 0.0000,
0.4262

■ 32.3227, 15.2180,
91.6763

■ 32.3227, 15.2180,
91.6763

■ 30.0420, 13.5100,
91.4672

■ 35.2201, 17.9207,
92.0456

■ 29.9574, 13.4503,
91.4601

■ 38.8653, 21.8791,
92.6175

■ 43.3453, 27.2604,
93.4201

■ 48.7325, 34.2049,
94.4766

■ 55.0909, 42.8355,
95.8073

■ 62.4781, 53.2627,
97.4306

■ 70.9467, 65.5872,
99.3632

■ 80.5454, 79.9023,
101.6204

■ 91.3201, 96.2948,
104.2166

Harmonies

Analogous

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



19.9141, 15.2180, 142.7342



32.3227, 15.2180, 91.6763



41.4099, 15.2180, 34.8680

Triad

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



32.3227, 15.2180, 91.6763



19.9201, 15.2180, 0.0000



2.8226, 15.2180, 34.8453

Complementary

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



32.3227, 15.2180, 91.6763



41.4421, 72.0907, 12.7080

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.



2.8231, 15.2180, 6.1473



32.3227, 15.2180, 91.6763



10.1122, 15.2180, 0.0000

Square

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



32.3227, 15.2180, 91.6763



32.3287, 15.2180, 0.0000



4.8058, 15.2180, 0.0000



4.8042, 15.2180, 91.6447

Rectangle

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



32.3227, 15.2180, 91.6763



42.5737, 15.2180, 12.2986



4.8058, 15.2180, 0.0000



2.6350, 15.2180, 21.7305

Sweetspot

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



32.3236, 15.2185, 91.6767



67.5231, 58.8371, 102.4056



23.8809, 19.5207, 92.9521



13.8395, 11.7116, 21.7811



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.



32.3236, 15.2185, 91.6767



31.3169, 14.0594, 95.6709



53.7421, 26.6422, 75.4183



17.2867, 17.1604, 21.7865



16.0569, 7.2203, 48.5209



1.6065, 0.7303, 4.4995

Inverse Universe

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



42.8883, 22.3006, 18.2628



43.6043, 22.2057, 14.3804



35.1536, 68.8079, 14.2683



17.5303, 17.3395, 19.3821



22.1809, 11.2881, 7.6613



2.1050, 1.0657, 0.9762

Previews

White Background



This preview shows how the XYZ color 32.3227, 15.2180, 91.6763 looks on a white background.

Color Contrast Check

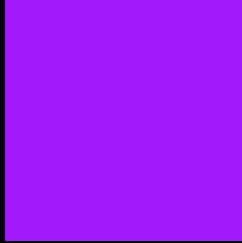
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.3227, 15.2180, 91.6763 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 32.3227, 15.2180, 91.6763

Background



This preview shows how black text looks on a background with the XYZ color 32.3227, 15.2180, 91.6763.



This preview shows how white text looks on a background with the XYZ color 32.3227, 15.2180,

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

32.3227, 15.2180, 91.6763

Protanopia

18.2364, 15.3771, 71.1142

Deuteranopia

15.3086, 15.3941, 52.0337



Tritanopia

17.0425, 15.2442, 15.9541

Trichromacy



Original Color

32.3227, 15.2180, 91.6763



Protanomaly

18.9536, 11.9249, 77.6467



Deuteranomaly

16.7563, 11.6188, 64.3103



Tritanomaly

20.1422, 13.1976, 34.2867

Monochromacy



Original Color

32.3227, 15.2180, 91.6763



Achromatopsia

10.1725, 10.7023, 11.6548



Achromatomaly

14.8281, 10.0861, 29.5991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3227, 15.2180, 91.6763 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(161, 26, 250)` looks like.

```
.text, #text, p{  
    color:rgb(161, 26, 250)  
}
```

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(161, 26, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 26, 250) }
```

Border

The CSS property to change the border of an element to XYZ 32.3227, 15.2180, 91.6763 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(161, 26, 250) }
```


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

```
.border{ border-color:rgb(161, 26, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 26, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 26, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 26, 250);  
box-shadow:4px 4px 4px 4px rgb(161, 26,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3227, 15.2180, 91.6763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 26, 250) }
```

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

```
.background{ background-color: rgb(161, 26,  
250) }
```

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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