

Converting Colors

XYZ(35.0527, 17.2868, 96.0970)

Have a look what the booklet for
XYZ(35.0527, 17.2868, 96.0970)
contains.

XYZ(35.0623, 17.2726, 96.0937)	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(35.0623, 17.2726,
96.0937)**

Conversions

Conversions Part 1

Format	Color
Hex	A82BFF
RGB	168, 43, 255
RGB Percent	66%, 17%, 100%
CMY	0.3412, 0.8314, 0.0000
CMYK	0.34, 0.83, 0.00, 0.00
HSL	275°, 100%, 58%
HSV	275°, 83%, 100%
XYZ	35.0623, 17.2726, 96.0937
YIQ	104.5430, 6.4480, 92.4320

Conversions

Conversions Part 2

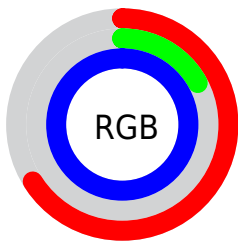
Format	Color
R _{YB}	168, 43, 255
Decimal	11021311
CIE _{Lab}	48.60, 80.14, -80.46
CIE _{LCh}	49, 113.560, 314.886
Y _{xy}	17.2726, 0.2362, 0.1164
Android (android.graphics.Color)	4289211391 (0xFFA82BFF)
YUV	104.5430, 74.1753, 55.6518
Hunter-Lab	41.5603, 77.8607, -107.9952

Details

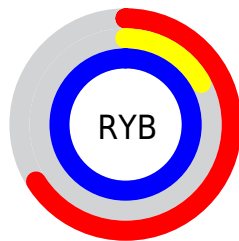
The XYZ color **35.0623, 17.2726, 96.0937** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **45.4018, 76.4401, 14.6472**, and the grayscale version is **13.1104, 13.7932, 15.0208**.

A 20% lighter version of the original color is **55.5171, 34.1861, 98.2802**, and **16.1414, 7.1570, 53.3540** is the 20% darker color. If you saturate the color by 10%, you get **32.2684, 14.8591, 95.7751**, and if you desaturate by 10%, it is **38.6153, 20.9357, 96.6135**.

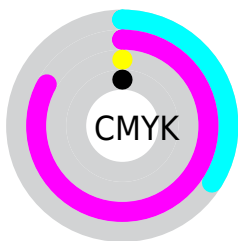
Distribution



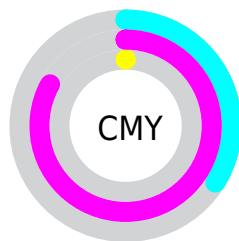
- Red (66%)
- Green (17%)
- Blue (100%)



- Red (66%)
- Yellow (17%)
- Blue (100%)



- Cyan (34%)
- Magenta (83%)
- Yellow (0%)
- Black (0%)





- Cyan (34%)
- Magenta (83%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0623, 17.2726, 96.0937 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 35.0623, 17.2726, 96.0937 by changing the saturation by 10% instead.


 35.0623, 17.2726,
96.0937


 35.0623, 17.2726,
96.0937


316.3464,
236.7384, 568.7340

 23.8776, 10.4290,
72.4437


 66.9157, 38.7939,
157.7833

 15.3671, 5.6843,
53.0321


 88.3150, 54.2404,
196.6599


 9.1654, 2.6541,
37.4405

 113.8500, 73.3233,
241.4492

 4.9072, 0.9539,
25.2503

 143.8860, 96.4271,
292.5697

 2.2271, 0.0000,
16.0429

 178.7882,
123.9361, 350.4398

 0.7570, 0.0000,
9.3998

218.9221,

 0.0000, 0.0000,

156.2347, 415.4782

4.9025

264.6531,
193.7074, 488.1034

■ 0.0000, 0.0000,
2.1325

■ 0.0000, 0.0000,
0.6350

■ 35.0623, 17.2726,
96.0937

■ 35.0623, 17.2726,
96.0937

■ 32.2684, 14.8591,
95.7751

■ 38.6153, 20.9357,
96.6135

■ 30.6935, 13.7380,
95.6417

■ 43.0223, 26.0359,
97.3656

■ 48.3653, 32.7299,
98.3761

■ 54.7144, 41.1526,
99.6672

62.1327, 51.4245,
101.2589

70.6774, 63.6547,
103.1692

80.4015, 77.9438,
105.4148

91.3542, 94.3856,
108.0111

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.



22.1365, 17.2726, 147.1704



35.0623, 17.2726, 96.0937



44.4445, 17.2726, 38.1464

Triad

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



35.0623, 17.2726, 96.0937



22.2309, 17.2726, 0.0000



3.6511, 17.2726, 37.7931

Complementary

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



35.0623, 17.2726, 96.0937



45.4018, 76.4401, 14.6472

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.



3.6587, 17.2726, 7.4420



35.0623, 17.2726, 96.0937



11.7789, 17.2726, 0.0000

Square

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



35.0623, 17.2726, 96.0937



35.1561, 17.2726, 0.2557



5.9307, 17.2726, 0.2333



5.9020, 17.2726, 95.6142

Rectangle

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



35.0623, 17.2726, 96.0937



45.6633, 17.2726, 14.3206



5.9307, 17.2726, 0.2333



3.4349, 17.2726, 24.1442

Sweetspot

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



35.0632, 17.2731, 96.0938



68.9972, 61.2223, 102.7883



27.2076, 24.0562, 97.8171



14.1138, 12.1637, 21.8539



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.



35.0632, 17.2731, 96.0938



30.6935, 13.7380, 95.6417



57.4388, 29.1218, 82.9702



18.0297, 17.9071, 22.7561



16.2117, 7.2679, 49.9830



1.7026, 0.7716, 4.8725

Inverse Universe

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



46.1331, 24.5996, 23.4352



43.7715, 22.2726, 15.2606



37.5897, 72.3670, 16.3553



18.3184, 18.1107, 20.2938



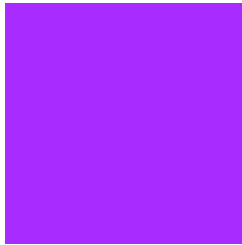
22.9413, 11.6658, 8.3413



2.2864, 1.1569, 1.0895

Previews

White Background



This preview shows how the XYZ color 35.0623, 17.2726, 96.0937 looks on a white background.

Color Contrast Check

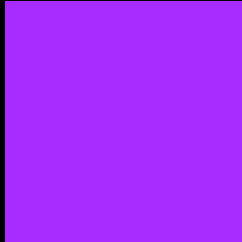
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.0623, 17.2726, 96.0937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

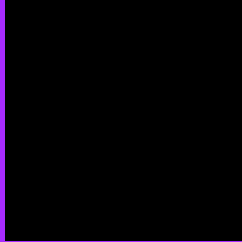
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 35.0623, 17.2726, 96.0937

Background



This preview shows how black text looks on a background with the XYZ color 35.0623, 17.2726, 96.0937.



This preview shows how white text looks on a background with the XYZ color 35.0623, 17.2726,

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

35.0623, 17.2726, 96.0937

Protanopia

20.7896, 17.5865, 80.8961

Deuteranopia

17.2579, 17.2687, 58.9235



Tritanopia

19.0733, 16.9808, 18.1919

Trichromacy



Original Color

35.0623, 17.2726, 96.0937



Protanomaly

21.3597, 14.2193, 85.6232



Deuteranomaly

18.8504, 13.7482, 70.7674



Tritanomaly

22.5713, 15.3305, 37.3668

Monochromacy



Original Color

35.0623, 17.2726, 96.0937



Achromatopsia

13.4271, 14.1263, 15.3836



Achromatomaly

18.2645, 13.1618, 34.8355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0623, 17.2726, 96.0937 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(168, 43, 255)` looks like.

```
.text, #text, p{  
    color:rgb(168, 43, 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(168, 43, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 43, 255) }
```

Border

The CSS property to change the border of an element to XYZ 35.0623, 17.2726, 96.0937 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(168, 43, 255) }
```


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

```
.border{ border-color:rgb(168, 43, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 43, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 43, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 43, 255);  
box-shadow:4px 4px 4px 4px rgb(168, 43,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0623, 17.2726, 96.0937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 43, 255) }
```

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

```
.background{ background-color: rgb(168, 43,  
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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