

Converting Colors

XYZ(35.0151, 17.4604, 93.6219)

Have a look what the booklet for
XYZ(35.0151, 17.4604, 93.6219)
contains.

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Color

**XYZ(35.1252, 17.5283,
93.6275)**

Conversions

Conversions Part 1

Format	Color
Hex	AA2EFC
RGB	170, 46, 252
RGB Percent	67%, 18%, 99%
CMY	0.3333, 0.8196, 0.0118
CMYK	0.33, 0.82, 0.00, 0.01
HSL	276°, 97%, 58%
HSV	276°, 82%, 99%
XYZ	35.1252, 17.5283, 93.6275
YIQ	106.5600, 7.7780, 90.3540

Conversions

Conversions Part 2

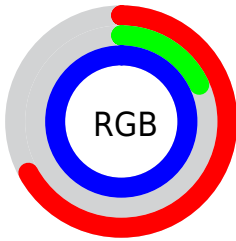
Format	Color
R _{YB}	170, 46, 252
Decimal	11153148
CIE _{Lab}	48.92, 78.99, -78.26
CIE _{LCh}	49, 111.189, 315.266
Yxy	17.5283, 0.2401, 0.1198
Android (android.graphics.Color)	4289343228 (0xFFAA2EFC)
YUV	106.5600, 71.7019, 55.6369
Hunter-Lab	41.8668, 76.4901, -103.2845

Details

The XYZ color **35.1252, 17.5283, 93.6275** 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 **44.2057, 74.4075, 14.6172**, and the grayscale version is **13.6617, 14.3732, 15.6524**.

A 20% lighter version of the original color is **56.3676, 34.9340, 98.3798**, and **16.0443, 7.1463, 51.5727** is the 20% darker color. If you saturate the color by 10%, you get **32.3270, 15.0281, 93.2928**, and if you desaturate by 10%, it is **38.6672, 21.2679, 94.1630**.

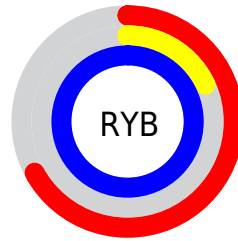
Distribution



Red (67%)

Green (18%)

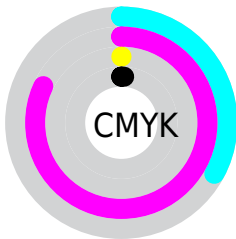
Blue (99%)



Red (67%)

Yellow (18%)

Blue (99%)

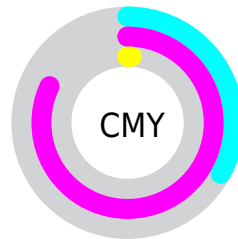


Cyan (33%)

Magenta (82%)

Yellow (0%)

Black (1%)



Cyan (33%)


Magenta (82%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1252, 17.5283, 93.6275 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 35.1252, 17.5283, 93.6275 by changing the saturation by 10% instead.

 35.1252, 17.5283,
93.6275


 35.1252, 17.5283,
93.6275


316.6190,
238.1987, 560.6334

 23.9263, 10.6119,
70.4026


 67.0124, 39.2319,
154.3463


 15.4034, 5.8065,
51.3760


 88.4315, 54.7879,
192.6773


 9.1911, 2.7278,
36.1291


 113.9879, 73.9925,
236.8807

 4.9242, 0.9913,
24.2435

 144.0471, 97.2301,
287.3751

 2.2371, 0.0000,
15.3004

 178.9745,
124.8851, 344.5790

 0.7622, 0.0000,
8.8816

219.1354,

 0.0000, 0.0000,

157.3420, 408.9110

4.5682

264.8951,
194.9850, 480.7896

■ 0.0000, 0.0000,
1.9420

■ 0.0000, 0.0000,
0.5192

■ 35.1252, 17.5283,
93.6275

■ 35.1252, 17.5283,
93.6275

■ 32.3270, 15.0281,
93.2928

■ 38.6672, 21.2679,
94.1630

■ 30.4621, 13.6741,
93.1297

■ 43.0419, 26.4232,
94.9275

■ 48.3266, 33.1425,
95.9459

■ 54.5882, 41.5545,
97.2396

61.8866, 51.7745,
98.8276

70.2766, 63.9070,
100.7272

79.8087, 78.0485,
102.9544

90.5300, 94.2891,
105.5241

94.5708, 99.8083,
106.3764

Harmonies

Analogous

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



22.4554, 17.5283, 143.3370



35.1252, 17.5283, 93.6275



44.1933, 17.5283, 37.5137

Triad

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



35.1252, 17.5283, 93.6275



22.2388, 17.5283, 0.0000



3.9069, 17.5283, 38.3195

Complementary

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



35.1252, 17.5283, 93.6275



44.2057, 74.4075, 14.6172

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.



3.8888, 17.5283, 7.9665



35.1252, 17.5283, 93.6275



11.9590, 17.5283, 0.0000

Square

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



35.1252, 17.5283, 93.6275



34.9113, 17.5283, 0.3745



6.1597, 17.5283, 0.4255



6.2271, 17.5283, 94.7093

Rectangle

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



35.1252, 17.5283, 93.6275



45.2931, 17.5283, 14.3267



6.1597, 17.5283, 0.4255



3.6769, 17.5283, 24.7958

Sweetspot

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



35.1261, 17.5289, 93.6279



69.2481, 61.3517, 102.8000



26.4692, 23.1525, 95.1697



14.1738, 12.1946, 21.8567



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.



35.1261, 17.5289, 93.6279



31.7245, 14.3516, 95.7058



55.6026, 28.4419, 78.4576



17.2854, 17.1598, 21.7864



16.0388, 7.2110, 48.5201



1.6049, 0.7294, 4.4994

Inverse Universe

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



45.0184, 24.2082, 22.7217



43.8232, 22.3819, 15.2600



36.9386, 70.6025, 16.9286



17.5308, 17.3397, 19.3850



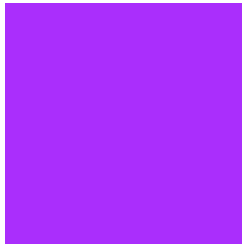
22.1857, 11.2900, 7.6865



2.1054, 1.0659, 0.9787

Previews

White Background



This preview shows how the XYZ color 35.1252, 17.5283, 93.6275 looks on a white background.

Color Contrast Check

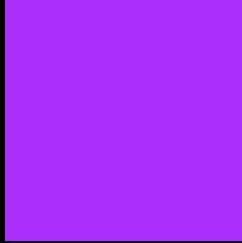
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.1252, 17.5283, 93.6275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

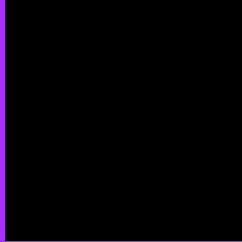
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.1252, 17.5283, 93.6275

Background



This preview shows how black text looks on a background with the XYZ color 35.1252, 17.5283, 93.6275.



This preview shows how white text looks on a background with the XYZ color 35.1252, 17.5283,

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

35.1252, 17.5283, 93.6275

Protanopia

21.0802, 17.7028, 82.4267

Deuteranopia

17.6163, 17.6014, 60.2265



Tritanopia

19.7093, 17.3151, 17.9262

Trichromacy



Original Color

35.1252, 17.5283, 93.6275



Protanomaly

21.5033, 14.4144, 85.6533



Deuteranomaly

18.9986, 13.9524, 70.7990



Tritanomaly

23.1976, 15.8910, 36.9666

Monochromacy



Original Color

35.1252, 17.5283, 93.6275



Achromatopsia

13.9749, 14.7027, 16.0113



Achromatomaly

18.7996, 13.7809, 34.9268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1252, 17.5283, 93.6275 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(170, 46, 252)` looks like.

```
.text, #text, p{  
    color:rgb(170, 46, 252)  
}
```

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(170, 46, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 46, 252) }
```

Border

The CSS property to change the border of an element to XYZ 35.1252, 17.5283, 93.6275 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(170, 46, 252) }
```


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

```
.border{ border-color:rgb(170, 46, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 46, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 46, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 46, 252);  
box-shadow:4px 4px 4px 4px rgb(170, 46,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1252, 17.5283, 93.6275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 46, 252) }
```

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

```
.background{ background-color: rgb(170, 46,  
252) }
```

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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