

Converting Colors

XYZ(35.9693, 25.1327, 94.2221)

Have a look what the booklet for
XYZ(35.9693, 25.1327, 94.2221)
contains.

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Color

**XYZ(35.9693, 25.1327,
94.2221)**

Conversions

Conversions Part 1

Format	Color
Hex	9770FB
RGB	151, 112, 251
RGB Percent	59%, 44%, 98%
CMY	0.4078, 0.5608, 0.0157
CMYK	0.40, 0.55, 0.00, 0.02
HSL	257°, 95%, 71%
HSV	257°, 55%, 98%
XYZ	35.9693, 25.1327, 94.2221
YIQ	139.5070, -21.3750, 51.4970

Conversions

Conversions Part 2

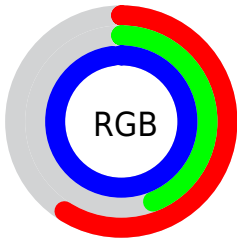
Format	Color
R _Y B	151, 112, 251
Decimal	9924859
CIE Lab	57.20, 46.12, -64.37
CIE LCh	57, 79.191, 305.622
Yxy	25.1327, 0.2316, 0.1618
Android (android.graphics.Color)	4288114939 (0xFF9770FB)
YUV	139.5070, 54.9660, 10.0794
Hunter-Lab	50.1325, 40.3390, -76.3404

Details

The XYZ color **35.9693, 25.1327, 94.2221** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **64.5728, 84.1614, 28.1712**, and the grayscale version is **24.5374, 25.8153, 28.1128**.

A 20% lighter version of the original color is **58.0835, 47.8319, 100.7789**, and **15.9744, 9.6674, 52.0630** is the 20% darker color. If you saturate the color by 10%, you get **30.4775, 18.7478, 93.2797**, and if you desaturate by 10%, it is **42.7483, 33.3272, 95.4470**.

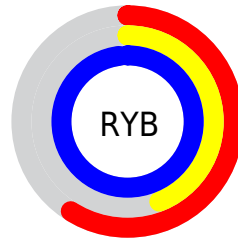
Distribution



Red (59%)

Green (44%)

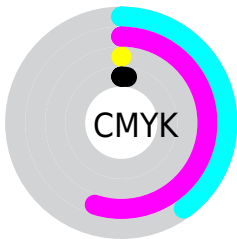
Blue (98%)



Red (59%)

Yellow (44%)

Blue (98%)

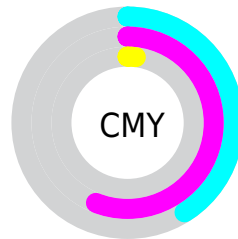


Cyan (40%)

Magenta (55%)

Yellow (0%)

Black (2%)



Cyan (41%)


Magenta (56%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9693, 25.1327, 94.2221 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 35.9693, 25.1327, 94.2221 by changing the saturation by 10% instead.

 35.9693, 25.1327,
94.2221


 35.9693, 25.1327,
94.2221


320.2599,
278.4982, 562.5922


 24.5805, 16.1759,
70.8944


 68.3089, 51.8724,
155.1758


 15.8918, 9.6487,
51.7747


 89.9903, 70.4242,
193.6388

 9.5380, 5.1667,
36.4445


 115.8334, 92.9431,
237.9841

 5.1536, 2.3454,
24.4853

 146.2034,
119.8135, 288.6301

 2.3734, 0.7976,
15.4785

181.4657,
151.4198, 345.9953

 0.8318, 0.0000,
9.0055

221.9856,

 0.0000, 0.0000,

188.1464, 410.4984

4.6479

268.1286,
230.3777, 482.5579

■ 0.0000, 0.0000,
1.9871

■ 0.0000, 0.0000,
0.5473

■ 35.9693, 25.1327,
94.2221

■ 35.9693, 25.1327,
94.2221

■ 30.4775, 18.7478,
93.2797

■ 42.7483, 33.3272,
95.4470

■ 26.1804, 14.0262,
92.5948

■ 50.8912, 43.4567,
96.9730

■ 22.9771, 10.8020,
92.1413

■ 60.4725, 55.6381,
98.8193

■ 20.7453, 8.8712,
91.8862

■ 71.5600, 69.9783,
101.0028

■ 19.9696, 8.2832,
91.8136

■ 84.2171, 86.5764,
103.5395

■ 94.4127, 99.7451,
105.5440

Harmonies

Analogous

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



25.6936, 25.1327, 117.2982



35.9693, 25.1327, 94.2221



44.3003, 25.1327, 54.6073

Triad

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



35.9693, 25.1327, 94.2221



32.1071, 25.1327, 2.1531



10.0871, 25.1327, 32.7280

Complementary

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



35.9693, 25.1327, 94.2221



64.5728, 84.1614, 28.1712

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.



10.9653, 25.1327, 11.1352



35.9693, 25.1327, 94.2221



22.1688, 25.1327, 1.4498

Square

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



35.9693, 25.1327, 94.2221



41.6935, 25.1327, 6.9922



14.8690, 25.1327, 3.2190



12.0476, 25.1327, 69.6656

Rectangle

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



35.9693, 25.1327, 94.2221



46.6831, 25.1327, 31.4885



14.8690, 25.1327, 3.2190



10.0680, 25.1327, 23.6186

Sweetspot

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



35.9704, 25.1336, 94.2227



72.1889, 69.9497, 104.3046



48.1249, 58.4698, 100.0167



14.9406, 14.3092, 22.2244



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.



35.9704, 25.1336, 94.2227



31.2535, 19.0501, 96.6375



52.2905, 33.5469, 94.9865



16.7403, 16.8787, 21.7609



10.6183, 4.4166, 48.2664



1.0820, 0.4598, 4.4749

Inverse Universe

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



57.4616, 36.8514, 66.3703



55.9815, 32.5709, 62.8659



48.9998, 76.1332, 27.4424



17.7731, 17.4366, 20.6611



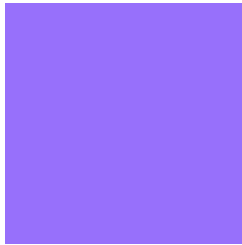
25.3382, 12.5510, 24.2870



2.3919, 1.1805, 2.4874

Previews

White Background



This preview shows how the XYZ color 35.9693, 25.1327, 94.2221 looks on a white background.

Color Contrast Check

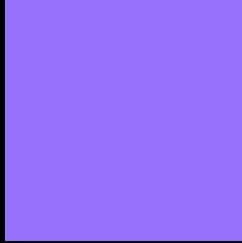
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 35.9693, 25.1327, 94.2221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

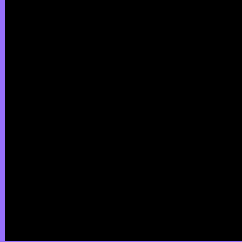
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.9693, 25.1327, 94.2221

Background



This preview shows how black text looks on a background with the XYZ color 35.9693, 25.1327, 94.2221.



This preview shows how white text looks on a background with the XYZ color 35.9693, 25.1327,

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

35.9693, 25.1327, 94.2221

Protanopia

29.1852, 25.4115, 97.9744

Deuteranopia

26.3097, 25.3649, 89.8954



Tritanopia

23.4154, 24.9361, 32.0128

Trichromacy



Original Color

35.9693, 25.1327, 94.2221

Protanomaly

30.5898, 24.5897, 96.9000

Deuteranomaly

27.5404, 23.9118, 91.1596

Tritanomaly

26.8665, 24.4799, 49.7635

Monochromacy



Original Color

35.9693, 25.1327, 94.2221

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

27.7225, 25.1898, 46.5810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9693, 25.1327, 94.2221 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(151, 112, 251)` looks like.

```
.text, #text, p{  
    color:rgb(151, 112, 251)  
}
```

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(151, 112, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 112, 251) }
```

Border

The CSS property to change the border of an element to XYZ 35.9693, 25.1327, 94.2221 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(151, 112, 251) }
```


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

```
.border{ border-color:rgb(151, 112, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 112, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 112, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 112, 251);  
box-shadow:4px 4px 4px 4px rgb(151, 112,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9693, 25.1327, 94.2221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 112, 251) }
```

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

```
.background{ background-color: rgb(151,  
112, 251) }
```

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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