

Converting Colors

XYZ(35.4949, 25.4641, 97.6520)

Have a look what the booklet for
XYZ(35.4949, 25.4641, 97.6520)
contains.

XYZ(35.4507, 25.4616, 97.6539)	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(35.4507, 25.4616,
97.6539)**

Conversions

Conversions Part 1

Format	Color
Hex	8E74FF
RGB	142, 116, 255
RGB Percent	56%, 45%, 100%
CMY	0.4431, 0.5451, 0.0000
CMYK	0.44, 0.55, 0.00, 0.00
HSL	251°, 100%, 73%
HSV	251°, 55%, 100%
XYZ	35.4507, 25.4616, 97.6539
YIQ	139.6200, -29.1230, 48.7410

Conversions

Conversions Part 2

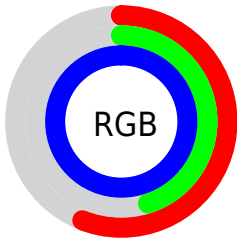
Format	Color
R_{YB}	142, 116, 255
Decimal	9336063
CIE _{Lab}	57.52, 43.01, -66.11
CIE _{LCh}	58, 78.869, 303.045
Yxy	25.4616, 0.2236, 0.1606
Android (android.graphics.Color)	4287526143 (0xFF8E74FF)
YUV	139.6200, 56.8823, 2.0873
Hunter-Lab	50.4595, 37.1024, -79.4219

Details

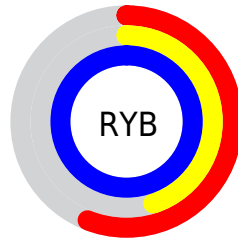
The XYZ color **35.4507, 25.4616, 97.6539** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **71.2247, 89.4385, 30.0330**, and the grayscale version is **24.5759, 25.8557, 28.1569**.

A 20% lighter version of the original color is **56.3254, 48.0134, 100.9066**, and **15.5649, 9.8394, 53.9022** is the 20% darker color. If you saturate the color by 10%, you get **29.6724, 18.7021, 96.6537**, and if you desaturate by 10%, it is **42.6989, 34.1766, 98.9540**.

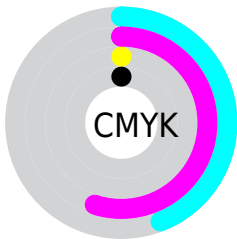
Distribution



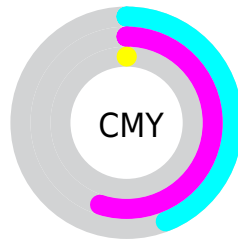
- Red (56%)
- Green (45%)
- Blue (100%)



- Red (56%)
- Yellow (45%)
- Blue (100%)



- Cyan (44%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4507, 25.4616, 97.6539 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 35.4507, 25.4616, 97.6539 by changing the saturation by 10% instead.


 35.4507, 25.4616,
97.6539


 35.4507, 25.4616,
97.6539


318.0265,
280.1290, 573.8267

 24.1784, 16.4213,
73.7367


 67.5128, 52.4051,
159.9530

 15.5915, 9.8228,
54.0831


 89.0334, 71.0771,
199.1720

 9.3245, 5.2816,
38.2745


 114.7007, 93.7284,
244.3287

 5.0123, 2.4134,
25.8923

144.8801,
120.7434, 295.8417

 2.2893, 0.8328,
16.5180

179.9371,
152.5066, 354.1294

 0.7892, 0.0000,
9.7332

220.2369,

 0.0000, 0.0000,

189.4024, 419.6104

5.1191

266.1449,
231.8150, 492.7033

■ 0.0000, 0.0000,
2.2574

■ 0.0000, 0.0000,
0.7072

■ 35.4507, 25.4616,
97.6539

■ 35.4507, 25.4616,
97.6539

■ 29.6724, 18.7021,
96.6537

■ 42.6989, 34.1766,
98.9540

■ 25.2565, 13.7413,
95.9289

■ 51.5080, 44.9824,
100.5754

■ 22.0848, 10.4017,
95.4515

■ 61.9649, 58.0048,
102.5379

■ 20.0158, 8.4666,
95.1870

■ 74.1493, 73.3590,
104.8593

■ 19.2550, 7.8412,
95.1064

■ 88.1353, 91.1521,
107.5566

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.



25.1731, 25.4616, 118.1498



35.4507, 25.4616, 97.6539



44.1428, 25.4616, 58.4164

Triad

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



35.4507, 25.4616, 97.6539



33.3493, 25.4616, 2.4499



10.2702, 25.4616, 30.5641

Complementary

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



35.4507, 25.4616, 97.6539



71.2247, 89.4385, 30.0330

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.



11.4036, 25.4616, 10.2606



35.4507, 25.4616, 97.6539



23.2533, 25.4616, 1.5057

Square

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



35.4507, 25.4616, 97.6539



42.7254, 25.4616, 7.9968



15.6244, 25.4616, 3.0367



11.9947, 25.4616, 66.5965

Rectangle

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



35.4507, 25.4616, 97.6539



46.9314, 25.4616, 34.4731



15.6244, 25.4616, 3.0367



10.3310, 25.4616, 21.9177

Sweetspot

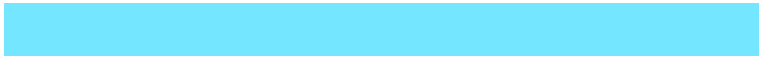
The Sweet Spot groups the original color and five complimentary colors.



35.4517, 25.4624, 97.6540



72.2202, 70.9176, 104.4898



53.4153, 67.2583, 104.7746



14.9020, 14.4767, 22.2588



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.



35.4517, 25.4624, 97.6540



29.4247, 18.4179, 96.6119



51.1550, 33.5577, 98.3889



17.3200, 17.5412, 22.7229



10.1513, 4.1437, 49.6994



1.0689, 0.4450, 4.8428

Inverse Universe

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



61.6281, 39.4082, 78.4850



58.2868, 33.8279, 73.9731



53.4133, 80.2564, 29.1994



18.6383, 18.2386, 21.9786



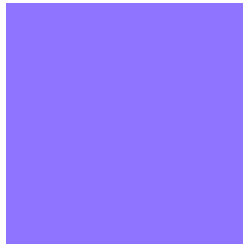
27.5049, 13.4913, 32.3731



2.7140, 1.3280, 3.3414

Previews

White Background



This preview shows how the XYZ color 35.4507, 25.4616, 97.6539 looks on a white background.

Color Contrast Check

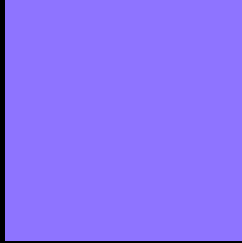
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.4507, 25.4616, 97.6539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

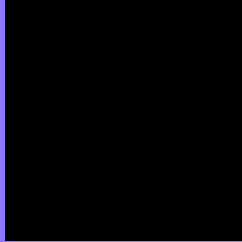
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.4507, 25.4616, 97.6539

Background



This preview shows how black text looks on a background with the XYZ color 35.4507, 25.4616, 97.6539.



This preview shows how white text looks on a background with the XYZ color 35.4507, 25.4616,

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

35.4507, 25.4616, 97.6539

Protanopia

29.3991, 25.7260, 98.0239

Deuteranopia

26.4770, 25.5957, 93.1675



Tritanopia

22.6252, 25.3589, 33.8393

Trichromacy



Original Color

35.4507, 25.4616, 97.6539

Protanomaly

30.7850, 25.0514, 97.8206

Deuteranomaly

26.9451, 23.9277, 94.4651

Tritanomaly

26.1392, 24.8527, 52.1346

Monochromacy



Original Color

35.4507, 25.4616, 97.6539

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

27.5443, 25.2727, 47.6823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4507, 25.4616, 97.6539 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(142, 116, 255)` looks like.

```
.text, #text, p{  
    color:rgb(142, 116, 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(142, 116, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 116, 255) }
```

Border

The CSS property to change the border of an element to XYZ 35.4507, 25.4616, 97.6539 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(142, 116, 255) }
```


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

```
.border{ border-color:rgb(142, 116, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 116, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 116, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 116, 255);  
box-shadow:4px 4px 4px 4px rgb(142, 116,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4507, 25.4616, 97.6539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 116, 255) }
```

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

```
.background{ background-color: rgb(142,  
116, 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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