

Converting Colors

XYZ(46.1842, 30.0410,
150.8168)

Have a look what the booklet for
XYZ(46.1842, 30.0410, 150.8168)
contains.

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Color

**XYZ(36.0883, 25.9623,
97.7169)**

Conversions

Conversions Part 1

Format	Color
Hex	9175FF
RGB	145, 117, 255
RGB Percent	57%, 46%, 100%
CMY	0.4314, 0.5412, 0.0000
CMYK	0.43, 0.54, 0.00, 0.00
HSL	252°, 100%, 73%
HSV	252°, 54%, 100%
XYZ	36.0883, 25.9623, 97.7169
YIQ	141.1040, -27.6100, 48.8540

Conversions

Conversions Part 2

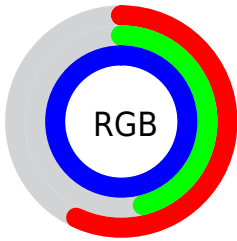
Format	Color
R_{YB}	145, 117, 255
Decimal	9532927
CIE _{Lab}	58.00, 43.09, -65.33
CIE _{LCh}	58, 78.257, 303.408
Yxy	25.9623, 0.2259, 0.1625
Android (android.graphics.Color)	4287723007 (0xFF9175FF)
YUV	141.1040, 56.1507, 3.4168
Hunter-Lab	50.9532, 37.2569, -78.0377

Details

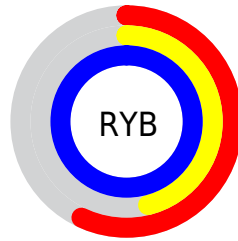
The XYZ color **36.0883, 25.9623, 97.7169** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **70.6486, 89.1348, 30.3113**, and the grayscale version is **25.1537, 26.4637, 28.8189**.

A 20% lighter version of the original color is **57.3266, 48.8068, 101.0070**, and **15.9829, 10.1439, 53.9389** is the 20% darker color. If you saturate the color by 10%, you get **30.2448, 19.1241, 96.7050**, and if you desaturate by 10%, it is **43.3836, 34.7504, 99.0287**.

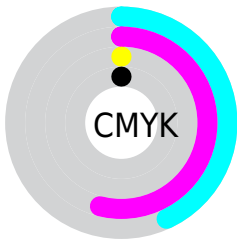
Distribution



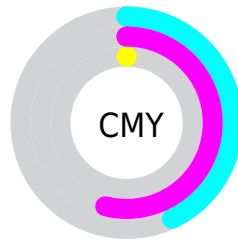
- Red (57%)
- Green (46%)
- Blue (100%)



- Red (57%)
- Yellow (46%)
- Blue (100%)



- Cyan (43%)
- Magenta (54%)
- Yellow (0%)
- Black (0%)



- Cyan (43%)
- Magenta (54%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0883, 25.9623, 97.7169 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 36.0883, 25.9623, 97.7169 by changing the saturation by 10% instead.

36.0883, 25.9623,
97.7169

36.0883, 25.9623,
97.7169

320.7708,
282.5970, 574.0318

24.6728, 16.7954,
73.7890

68.4913, 53.2141,
160.0405

15.9609, 10.0888,
54.1256

90.2096, 72.0679,
199.2733

9.5872, 5.4578,
38.3082

116.0928, 94.9194,
244.4448

5.1863, 2.5183,
25.9183

146.5063,
122.1530, 295.9736

2.3928, 0.8858,
16.5373

181.8155,
154.1532, 354.2781

0.8415, 0.0000,
9.7467

222.3858,

0.0000, 0.0000,

191.3043, 419.7769

5.1279

268.5824,
233.9908, 492.8887

■ 0.0000, 0.0000,
2.2625

■ 0.0000, 0.0000,
0.7101

■ 36.0883, 25.9623,
97.7169

■ 36.0883, 25.9623,
97.7169

■ 30.2448, 19.1241,
96.7050

■ 43.3836, 34.7504,
99.0287

■ 25.7484, 14.0809,
95.9685

■ 52.2191, 45.6219,
100.6614

■ 22.4845, 10.6577,
95.4798

■ 62.6794, 58.7012,
102.6346

■ 20.3159, 8.6417,
95.2050

■ 74.8422, 74.1022,
104.9663

■ 19.4531, 7.9433,
95.1157

■ 88.7800, 91.9310,
107.6730

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.



25.7719, 25.9623, 118.4727



36.0883, 25.9623, 97.7169



44.7413, 25.9623, 58.5308

Triad

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



36.0883, 25.9623, 97.7169



33.7321, 25.9623, 2.6023



10.6238, 25.9623, 31.4747

Complementary

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



36.0883, 25.9623, 97.7169



70.6486, 89.1348, 30.3113

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.



11.7378, 25.9623, 10.7921



36.0883, 25.9623, 97.7169



23.6124, 25.9623, 1.6477

Square

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



36.0883, 25.9623, 97.7169



43.1551, 25.9623, 8.2119



15.9662, 25.9623, 3.2849



12.4080, 25.9623, 67.6692

Rectangle

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



36.0883, 25.9623, 97.7169



47.4734, 25.9623, 34.6703



15.9662, 25.9623, 3.2849



10.6740, 25.9623, 22.7077

Sweetspot

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



36.0894, 25.9631, 97.7170



72.4184, 71.0198, 104.4991



52.9651, 66.1594, 104.5862



14.9487, 14.5008, 22.2610



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.



36.0894, 25.9631, 97.7170



29.7951, 18.6089, 96.6292



52.0266, 34.1791, 98.4629



17.3472, 17.5552, 22.7241



10.2610, 4.2002, 49.7045



1.0834, 0.4524, 4.8435

Inverse Universe

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



61.4662, 39.5289, 77.0611



57.9331, 33.6864, 72.1110



53.1506, 80.1142, 29.4924



18.6254, 18.2335, 21.9106



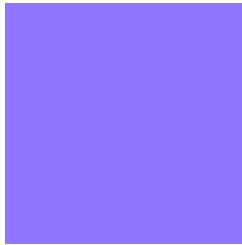
27.2525, 13.3903, 31.0437



2.6916, 1.3190, 3.2232

Previews

White Background



This preview shows how the XYZ color 36.0883, 25.9623, 97.7169 looks on a white background.

Color Contrast Check

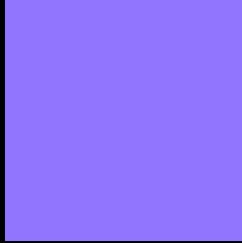
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.0883, 25.9623, 97.7169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

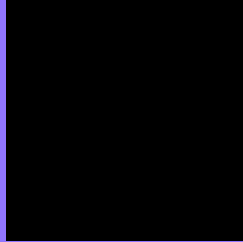
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.0883, 25.9623, 97.7169

Background



This preview shows how black text looks on a background with the XYZ color 36.0883, 25.9623, 97.7169.



This preview shows how white text looks on a background with the XYZ color 36.0883, 25.9623,

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

36.0883, 25.9623, 97.7169

Protanopia

29.8559, 26.1676, 98.0850

Deuteranopia

27.0758, 26.1223, 93.2376



Tritanopia

23.4009, 25.9711, 34.3514

Trichromacy



Original Color

36.0883, 25.9623, 97.7169

Protanomaly

31.2487, 25.4831, 97.8795

Deuteranomaly

28.1896, 24.7697, 94.5621

Tritanomaly

26.9823, 25.4789, 52.7860

Monochromacy



Original Color

36.0883, 25.9623, 97.7169

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.8501, 25.6307, 47.7353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0883, 25.9623, 97.7169 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(145, 117, 255)` looks like.

```
.text, #text, p{  
    color:rgb(145, 117, 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(145, 117, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 117, 255) }
```

Border

The CSS property to change the border of an element to XYZ 36.0883, 25.9623, 97.7169 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(145, 117, 255) }
```


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

```
.border{ border-color:rgb(145, 117, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 117, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 117, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 117, 255);  
box-shadow:4px 4px 4px 4px rgb(145, 117,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0883, 25.9623, 97.7169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 117, 255) }
```

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

```
.background{ background-color: rgb(145,  
117, 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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