

Converting Colors

XYZ(38.6380, 25.3454, 97.4634)

Have a look what the booklet for
XYZ(38.6380, 25.3454, 97.4634)
contains.

XYZ(38.6186, 25.3225, 97.4600)	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(38.6186, 25.3225,
97.4600)**

Conversions

Conversions Part 1

Format	Color
Hex	A569FF
RGB	165, 105, 255
RGB Percent	65%, 41%, 100%
CMY	0.3529, 0.5882, 0.0000
CMYK	0.35, 0.59, 0.00, 0.00
HSL	264°, 100%, 71%
HSV	264°, 59%, 100%
XYZ	38.6186, 25.3225, 97.4600
YIQ	140.0400, -12.3900, 59.3700

Conversions

Conversions Part 2

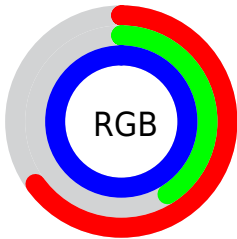
Format	Color
R _Y B	165, 105, 255
Decimal	10840575
CIE _{Lab}	57.39, 54.00, -66.21
CIE _{LCh}	57, 85.443, 309.199
Y _{xy}	25.3225, 0.2393, 0.1569
Android (android.graphics.Color)	4289030655 (0xFFA569FF)
Y _{UV}	140.0400, 56.6753, 21.8899
Hunter-Lab	50.3215, 48.9251, -79.6048

Details

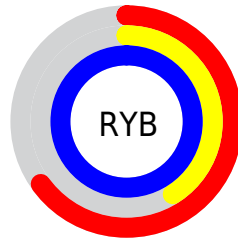
The XYZ color **38.6186, 25.3225, 97.4600** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **60.8152, 84.1419, 26.4009**, and the grayscale version is **24.7341, 26.0222, 28.3382**.

A 20% lighter version of the original color is **61.0173, 47.5210, 100.5643**, and **17.4606, 9.7954, 53.7937** is the 20% darker color. If you saturate the color by 10%, you get **33.4057, 19.3407, 96.5802**, and if you desaturate by 10%, it is **44.9927, 33.0590, 98.6174**.

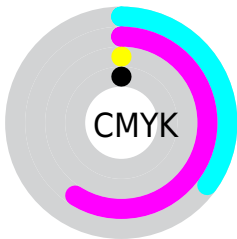
Distribution



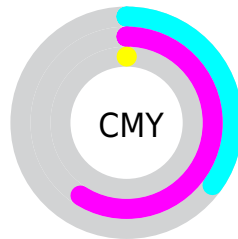
- Red (65%)
- Green (41%)
- Blue (100%)



- Red (65%)
- Yellow (41%)
- Blue (100%)



- Cyan (35%)
- Magenta (59%)
- Yellow (0%)
- Black (0%)





- Cyan (35%)
- Magenta (59%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.6186, 25.3225, 97.4600 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 38.6186, 25.3225, 97.4600 by changing the saturation by 10% instead.

 38.6186, 25.3225,
97.4600


 38.6186, 25.3225,
97.4600

331.5014,
279.4402, 573.1951


 26.6425, 16.3175,
73.5760

 72.3531, 52.1799,
159.6835


 17.4401, 9.7491,
53.9524


 94.8423, 70.8011,
198.8601

 10.6460, 5.2329,
38.1707


 121.5665, 93.3965,
243.9713

 5.8949, 2.3846,
25.8123

 152.8912,
120.3505, 295.4356

 2.8213, 0.8179,
16.4588

189.1817,
152.0475, 353.6716

 1.0600, 0.0000,
9.6915

230.8033,

 0.0000, 0.0000,

188.8718, 419.0978

5.0920

278.1214,
231.2080, 492.1328

■ 0.0000, 0.0000,
2.2417

■ 0.0000, 0.0000,
0.6983

■ 38.6186, 25.3225,
97.4600

■ 38.6186, 25.3225,
97.4600

■ 33.4057, 19.3407,
96.5802

■ 44.9927, 33.0590,
98.6174

■ 29.2654, 14.9602,
95.9529

■ 52.6007, 42.6803,
100.0735

■ 26.0994, 12.0039,
95.5491

■ 61.5122, 54.3069,
101.8480

■ 23.7690, 10.2166,
95.3270

■ 71.7908, 68.0482,
103.9586

■ 23.5300, 10.0450,
95.3065

■ 83.4953, 84.0056,
106.4218

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.



27.3227, 25.3225, 127.6292



38.6186, 25.3225, 97.4600



47.2913, 25.3225, 52.5442

Triad

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



38.6186, 25.3225, 97.4600



31.6798, 25.3225, 1.3824



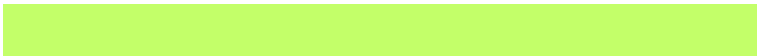
9.4931, 25.3225, 37.4999

Complementary

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



38.6186, 25.3225, 97.4600



60.8152, 84.1419, 26.4009

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.



10.0525, 25.3225, 12.1128



38.6186, 25.3225, 97.4600



21.0831, 25.3225, 1.0219

Square

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



38.6186, 25.3225, 97.4600



42.5667, 25.3225, 5.1931



13.7265, 25.3225, 2.9867



11.8972, 25.3225, 80.0830

Rectangle

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



38.6186, 25.3225, 97.4600



49.3106, 25.3225, 28.3600



13.7265, 25.3225, 2.9867



9.3598, 25.3225, 26.7985

Sweetspot

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



38.6196, 25.3234, 97.4602



72.6991, 69.2759, 104.1477



43.3913, 49.2540, 101.8278



14.8822, 13.9127, 22.1510



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.



38.6196, 25.3234, 97.4602



32.4159, 18.2561, 96.4230



59.0371, 35.8489, 98.4157



17.6907, 17.7323, 22.7402



12.4521, 5.3298, 49.8070



1.3317, 0.5804, 4.8551

Inverse Universe

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



56.1420, 35.3037, 55.4841



52.1887, 29.5522, 47.5228



46.0559, 76.5332, 25.7102



18.4670, 18.1701, 21.0764



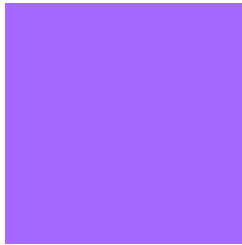
24.6288, 12.3408, 17.2273



2.4520, 1.2232, 1.9617

Previews

White Background



This preview shows how the XYZ color 38.6186, 25.3225, 97.4600 looks on a white background.

Color Contrast Check

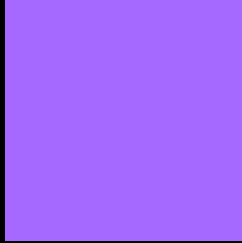
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.6186, 25.3225, 97.4600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

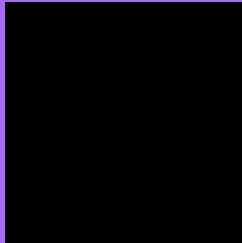
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.6186, 25.3225, 97.4600

Background



This preview shows how black text looks on a background with the XYZ color 38.6186, 25.3225, 97.4600.



This preview shows how white text looks on a background with the XYZ color 38.6186, 25.3225,

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

38.6186, 25.3225, 97.4600

Protanopia

29.3991, 25.7260, 98.0239

Deuteranopia

26.4975, 25.6421, 91.5485



Tritanopia

25.0076, 25.1541, 30.7313

Trichromacy



Original Color

38.6186, 25.3225, 97.4600



Protanomaly

31.1964, 24.5117, 97.6947



Deuteranomaly

27.6687, 23.5367, 93.5272



Tritanomaly

28.6483, 24.4445, 49.6627

Monochromacy



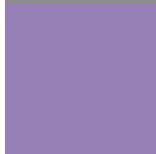
Original Color

38.6186, 25.3225, 97.4600



Achromatopsia

24.9269, 26.2251, 28.5591



Achromatomaly

28.4273, 24.9457, 47.5727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6186, 25.3225, 97.4600 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(165, 105, 255)` looks like.

```
.text, #text, p{  
    color:rgb(165, 105, 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(165, 105, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 105, 255) }
```

Border

The CSS property to change the border of an element to XYZ 38.6186, 25.3225, 97.4600 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(165, 105, 255) }
```


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

```
.border{ border-color:rgb(165, 105, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 105, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 105, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 105, 255);  
box-shadow:4px 4px 4px 4px rgb(165, 105,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6186, 25.3225, 97.4600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 105, 255) }
```

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

```
.background{ background-color: rgb(165,  
105, 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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