

Converting Colors

XYZ(37.1759, 25.8623, 89.4187)

Have a look what the booklet for
XYZ(37.1759, 25.8623, 89.4187)
contains.

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Color

**XYZ(37.1759, 25.8623,
89.4187)**

Conversions

Conversions Part 1

Format	Color
Hex	A270F5
RGB	162, 112, 245
RGB Percent	64%, 44%, 96%
CMY	0.3647, 0.5608, 0.0392
CMYK	0.34, 0.54, 0.00, 0.04
HSL	263°, 87%, 70%
HSV	263°, 54%, 96%
XYZ	37.1759, 25.8623, 89.4187
YIQ	142.1120, -12.8930, 51.9630

Conversions

Conversions Part 2

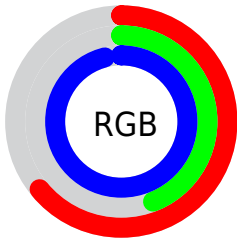
Format	Color
R _Y B	162, 112, 245
Decimal	10645749
CIE Lab	57.91, 47.10, -59.87
CIE LCh	58, 76.174, 308.193
Yxy	25.8623, 0.2438, 0.1696
Android (android.graphics.Color)	4288835829 (0xFFA270F5)
YUV	142.1120, 50.7238, 17.4418
Hunter-Lab	50.8550, 41.4904, -68.6515

Details

The XYZ color **37.1759, 25.8623, 89.4187** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **58.0828, 78.0771, 27.3390**, and the grayscale version is **25.5657, 26.8971, 29.2910**.

A 20% lighter version of the original color is **61.0203, 49.3459, 100.9163**, and **16.6254, 10.0793, 48.6462** is the 20% darker color. If you saturate the color by 10%, you get **31.9120, 19.6673, 88.5009**, and if you desaturate by 10%, it is **43.5549, 33.7243, 90.6005**.

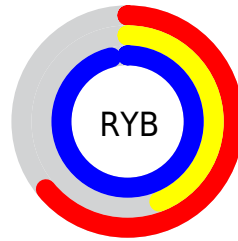
Distribution



Red (64%)

Green (44%)

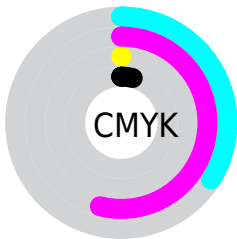
Blue (96%)



Red (64%)

Yellow (44%)

Blue (96%)

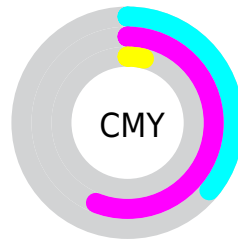


Cyan (34%)

Magenta (54%)

Yellow (0%)

Black (4%)



Cyan (36%)


Magenta (56%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.1759, 25.8623, 89.4187 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 37.1759, 25.8623, 89.4187 by changing the saturation by 10% instead.


 37.1759, 25.8623,
89.4187


 37.1759, 25.8623,
89.4187


325.4138,
282.1055, 546.6593


 25.5180, 16.7207,
66.9276

 70.1553, 53.0527,
148.4591


 16.5942, 10.0355,
48.5646


 92.2075, 71.8703,
185.8456

 10.0391, 5.4225,
33.9110


 118.4553, 94.6819,
229.0342

 5.4874, 2.4972,
22.5485

 149.2639,
121.8721, 278.4436

 2.5736, 0.8753,
14.0583

184.9986,
153.8251, 334.4922

 0.9325, 0.0000,
8.0220

226.0250,

 0.0000, 0.0000,

190.9254, 397.5987

4.0211

272.7082,
233.5574, 468.1816

■ 0.0000, 0.0000,
1.6369

■ 0.0000, 0.0000,
0.3169

■ 37.1759, 25.8623,
89.4187

■ 37.1759, 25.8623,
89.4187

■ 31.9120, 19.6673,
88.5009

■ 43.5549, 33.7243,
90.6005

■ 27.6853, 15.0072,
87.8242

■ 51.1127, 43.3658,
92.0632

■ 24.4114, 11.7335,
87.3648

■ 59.9120, 54.8924,
93.8242

■ 21.9883, 9.6646,
87.0932

■ 70.0096, 68.4005,
95.8994

■ 20.9061, 8.8736,
86.9976

■ 81.4586, 83.9799,
98.3031

■ 93.0189, 99.1341,
100.6188

■ 93.4815, 99.3726,
100.6405

Harmonies

Analogous

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



27.1809, 25.8623, 113.5557



37.1759, 25.8623, 89.4187



44.8568, 25.8623, 51.3945

Triad

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



37.1759, 25.8623, 89.4187



31.7310, 25.8623, 2.4811



10.9327, 25.8623, 35.9870

Complementary

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



37.1759, 25.8623, 89.4187



58.0828, 78.0771, 27.3390

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.



11.5753, 25.8623, 13.2570



37.1759, 25.8623, 89.4187



22.1531, 25.8623, 1.9168

Square

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



37.1759, 25.8623, 89.4187



41.2079, 25.8623, 7.0538



15.2108, 25.8623, 4.1964



13.1638, 25.8623, 72.3491

Rectangle

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



37.1759, 25.8623, 89.4187



46.7541, 25.8623, 29.7823



15.2108, 25.8623, 4.1964



10.8332, 25.8623, 26.5970

Sweetspot

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



37.1770, 25.8632, 89.4193



74.6326, 72.1613, 104.6027



42.9568, 49.6233, 93.7008



15.4720, 14.7706, 22.2855



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.



37.1770, 25.8632, 89.4193



34.5108, 21.0399, 96.8499



54.0389, 34.5559, 90.2085



16.1698, 16.2302, 20.8231



11.4035, 4.8531, 46.8737



1.1123, 0.4833, 4.1249

Inverse Universe

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



53.3010, 34.9415, 55.5644



54.4238, 32.2827, 53.6310



44.7427, 71.2000, 26.7147



16.9340, 16.6565, 19.3993



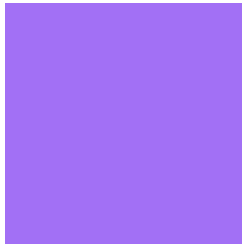
23.4482, 11.7227, 17.6005



2.1106, 1.0502, 1.8090

Previews

White Background



This preview shows how the XYZ color 37.1759, 25.8623, 89.4187 looks on a white background.

Color Contrast Check

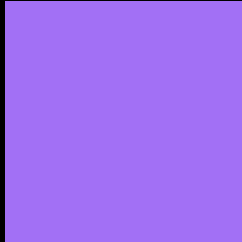
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.1759, 25.8623, 89.4187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

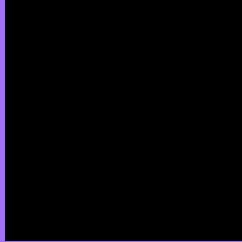
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.1759, 25.8623, 89.4187

Background



This preview shows how black text looks on a background with the XYZ color 37.1759, 25.8623, 89.4187.



This preview shows how white text looks on a background with the XYZ color 37.1759, 25.8623,

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

37.1759, 25.8623, 89.4187

Protanopia

29.8559, 26.1676, 98.0850

Deuteranopia

27.1548, 26.3385, 85.3140



Tritanopia

25.4463, 25.7802, 31.6519

Trichromacy



Original Color

37.1759, 25.8623, 89.4187

Protanomaly

31.3086, 25.3950, 94.5184

Deuteranomaly

29.0054, 24.9688, 86.5098

Tritanomaly

28.6608, 25.2468, 48.1623

Monochromacy



Original Color

37.1759, 25.8623, 89.4187

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

28.6474, 25.8768, 46.1327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1759, 25.8623, 89.4187 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(162, 112, 245)` looks like.

```
.text, #text, p{  
    color:rgb(162, 112, 245)  
}
```

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(162, 112, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 112, 245) }
```

Border

The CSS property to change the border of an element to XYZ 37.1759, 25.8623, 89.4187 is called "border". The border property can be set on classes, ids or directly on the HTML element.

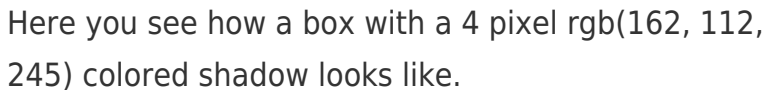
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(162, 112, 245) }
```


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

```
.border{ border-color:rgb(162, 112, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(162, 112, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 112, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 112, 245); box-shadow:4px 4px 4px 4px rgb(162, 112, 245) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1759, 25.8623, 89.4187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 112, 245) }
```

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

```
.background{ background-color: rgb(162,  
112, 245) }
```

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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