

Converting Colors

XYZ(37.1782, 26.4299, 89.8545)

Have a look what the booklet for
XYZ(37.1782, 26.4299, 89.8545)
contains.

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Color

**XYZ(37.1094, 26.3276,
89.5121)**

Conversions

Conversions Part 1

Format	Color
Hex	A073F5
RGB	160, 115, 245
RGB Percent	63%, 45%, 96%
CMY	0.3725, 0.5490, 0.0392
CMYK	0.35, 0.53, 0.00, 0.04
HSL	261°, 87%, 71%
HSV	261°, 53%, 96%
XYZ	37.1094, 26.3276, 89.5121
YIQ	143.2750, -14.9100, 49.9700

Conversions

Conversions Part 2

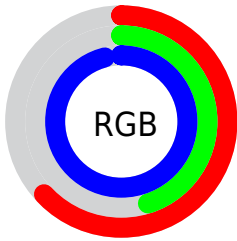
Format	Color
R _Y B	160, 115, 245
Decimal	10515445
CIE Lab	58.35, 44.98, -59.17
CIE LCh	58, 74.329, 307.241
Yxy	26.3276, 0.2426, 0.1721
Android (android.graphics.Color)	4288705525 (0xFFA073F5)
YUV	143.2750, 50.1504, 14.6678
Hunter-Lab	51.3104, 39.3039, -67.5153

Details

The XYZ color **37.1094, 26.3276, 89.5121** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **59.5663, 78.8223, 28.2950**, and the grayscale version is **26.0293, 27.3849, 29.8221**.

A 20% lighter version of the original color is **60.9661, 50.1307, 101.0707**, and **16.5609, 10.2950, 48.6912** is the 20% darker color. If you saturate the color by 10%, you get **31.6792, 19.9179, 88.5616**, and if you desaturate by 10%, it is **43.6967, 34.4364, 90.7306**.

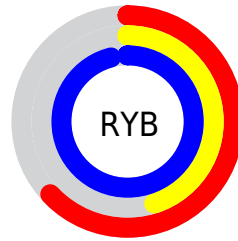
Distribution



Red (63%)

Green (45%)

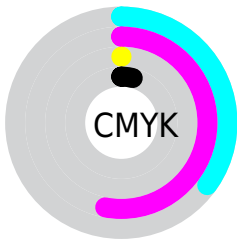
Blue (96%)



Red (63%)

Yellow (45%)

Blue (96%)

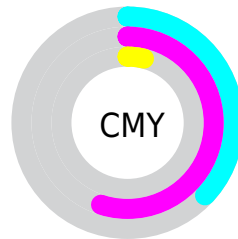


Cyan (35%)

Magenta (53%)

Yellow (0%)

Black (4%)



Cyan (37%)

Magenta (55%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.1094, 26.3276, 89.5121 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 37.1094, 26.3276, 89.5121 by changing the saturation by 10% instead.

37.1094, 26.3276,
89.5121

37.1094, 26.3276,
89.5121

325.1312,
284.3866, 546.9715

25.4663, 17.0689,
67.0046

70.0537, 53.8030,
148.5901

16.5554, 10.2836,
48.6268

92.0857, 72.7884,
185.9977

10.0113, 5.5874,
33.9600

118.3113, 95.7849,
229.2090

5.4688, 2.5959,
22.5857

149.0958,
123.1768, 278.6427

2.5624, 0.9246,
14.0855

184.8048,
155.3485, 334.7173

0.9268, 0.0000,
8.0407

225.8034,

0.0000, 0.0000,

192.6845, 397.8513

4.0329

272.4571,
235.5690, 468.4632

■ 0.0000, 0.0000,
1.6434

■ 0.0000, 0.0000,
0.3215

■ 37.1094, 26.3276,
89.5121

■ 37.1094, 26.3276,
89.5121

■ 31.6792, 19.9179,
88.5616

■ 43.6967, 34.4364,
90.7306

■ 27.3269, 15.0759,
87.8564

■ 51.5062, 44.3562,
92.2337

■ 23.9674, 11.6547,
87.3731

■ 60.6017, 56.1927,
94.0390

■ 21.4984, 9.4765,
87.0828

■ 71.0414, 70.0423,
96.1620

■ 20.2108, 8.5151,
86.9651

■ 82.8799, 85.9948,
98.6172

■ 93.4815, 99.3726,
100.6406

Harmonies

Analogous

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



27.2832, 26.3276, 112.0500



37.1094, 26.3276, 89.5121



44.7594, 26.3276, 52.6088

Triad

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



37.1094, 26.3276, 89.5121



32.3821, 26.3276, 2.8875



11.4198, 26.3276, 35.4226

Complementary

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



37.1094, 26.3276, 89.5121



59.5663, 78.8223, 28.2950

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.



12.1564, 26.3276, 13.3787



37.1094, 26.3276, 89.5121



22.8924, 26.3276, 2.1969

Square

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



37.1094, 26.3276, 89.5121



41.6027, 26.3276, 7.8392



15.8960, 26.3276, 4.4732



13.5638, 26.3276, 70.6738

Rectangle

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



37.1094, 26.3276, 89.5121



46.7563, 26.3276, 31.1341



15.8960, 26.3276, 4.4732



11.3496, 26.3276, 26.3324

Sweetspot

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



37.1105, 26.3285, 89.5127



74.2450, 71.9614, 104.5846



44.5947, 52.3229, 94.1357



15.3801, 14.7232, 22.2812



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.



37.1105, 26.3285, 89.5127



34.1261, 21.1632, 96.8940



53.1470, 34.5957, 90.2632



16.1221, 16.2056, 20.8208



11.0220, 4.6564, 46.8559



1.0751, 0.4641, 4.1231

Inverse Universe

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



54.2126, 35.8446, 58.7042



55.3012, 32.9802, 57.1829



46.0095, 71.8335, 27.6606



16.9557, 16.6651, 19.5134



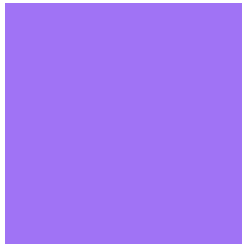
23.7811, 11.8559, 19.3533



2.1384, 1.0613, 1.9554

Previews

White Background



This preview shows how the XYZ color 37.1094, 26.3276, 89.5121 looks on a white background.

Color Contrast Check

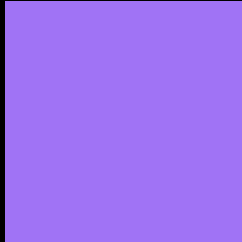
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.1094, 26.3276, 89.5121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

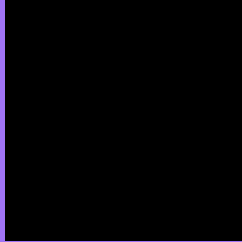
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.1094, 26.3276, 89.5121

Background



This preview shows how black text looks on a background with the XYZ color 37.1094, 26.3276, 89.5121.



This preview shows how white text looks on a background with the XYZ color 37.1094, 26.3276,

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

37.1094, 26.3276, 89.5121

Protanopia

30.2475, 26.5776, 98.1435

Deuteranopia

27.5677, 26.7713, 85.3758



Tritanopia

25.5529, 26.2427, 32.5727

Trichromacy



Original Color

37.1094, 26.3276, 89.5121

Protanomaly

31.5622, 25.7184, 94.5674

Deuteranomaly

29.4953, 25.6201, 86.6097

Tritanomaly

28.7722, 25.6711, 49.3375

Monochromacy



Original Color

37.1094, 26.3276, 89.5121

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

29.0202, 26.4599, 46.7578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1094, 26.3276, 89.5121 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(160, 115, 245)` looks like.

```
.text, #text, p{  
    color:rgb(160, 115, 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(160, 115, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 115, 245) }
```

Border

The CSS property to change the border of an element to XYZ 37.1094, 26.3276, 89.5121 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(160, 115, 245) }
```


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

```
.border{ border-color:rgb(160, 115, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 115, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 115, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 115, 245);  
box-shadow:4px 4px 4px 4px rgb(160, 115,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1094, 26.3276, 89.5121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 115, 245) }
```

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

```
.background{ background-color: rgb(160,  
115, 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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