

Converting Colors

XYZ(35.6021, 26.7455, 91.2816)

Have a look what the booklet for
XYZ(35.6021, 26.7455, 91.2816)
contains.

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Color

**XYZ(35.6021, 26.7455,
91.2816)**

Conversions

Conversions Part 1

Format	Color
Hex	927AF7
RGB	146, 122, 247
RGB Percent	57%, 48%, 97%
CMY	0.4274, 0.5216, 0.0314
CMYK	0.41, 0.51, 0.00, 0.03
HSL	252°, 89%, 72%
HSV	252°, 51%, 97%
XYZ	35.6021, 26.7455, 91.2816
YIQ	143.4260, -25.8210, 43.9630

Conversions

Conversions Part 2

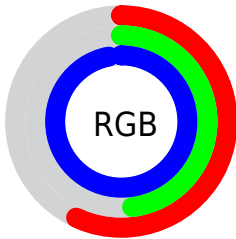
Format	Color
R_{YB}	146, 122, 247
Decimal	9599735
CIE _{Lab}	58.74, 38.28, -59.73
CIE _{LCh}	59, 70.939, 302.657
Yxy	26.7455, 0.2317, 0.1741
Android (android.graphics.Color)	4287789815 (0xFF927AF7)
YUV	143.4260, 51.0620, 2.2574
Hunter-Lab	51.7161, 32.3790, -68.4488

Details

The XYZ color **35.6021, 26.7455, 91.2816** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **67.2049, 83.6148, 31.0103**, and the grayscale version is **26.0892, 27.4479, 29.8907**.

A 20% lighter version of the original color is **58.2818, 50.7173, 101.3254**, and **15.7013, 10.5575, 49.9254** is the 20% darker color. If you saturate the color by 10%, you get **29.7024, 19.7600, 90.2447**, and if you desaturate by 10%, it is **42.8939, 35.5932, 92.6056**.

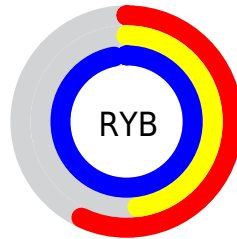
Distribution



Red (57%)

Green (48%)

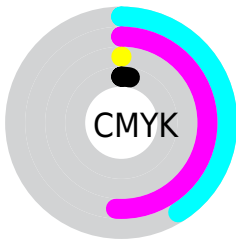
Blue (97%)



Red (57%)

Yellow (48%)

Blue (97%)

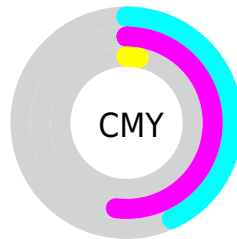


Cyan (41%)

Magenta (51%)

Yellow (0%)

Black (3%)



Cyan (43%)

Magenta (52%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6021, 26.7455, 91.2816 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 35.6021, 26.7455, 91.2816 by changing the saturation by 10% instead.

35.6021, 26.7455,
91.2816

35.6021, 26.7455,
91.2816

318.6797,
286.4228, 552.8684

24.2957, 17.3822,
68.4644

67.7454, 54.4752,
151.0684

15.6791, 10.5073,
49.8066

89.3130, 73.6104,
188.8750

9.3867, 5.7366,
34.8896

115.0317, 96.7716,
232.5152

5.0534, 2.6856,
23.2950

145.2669,
124.3433, 282.4075

2.3137, 0.9699,
14.6041

180.3840,
156.7099, 338.9704

0.8017, 0.0000,
8.3985

220.7482,

0.0000, 0.0000,

194.2557, 402.6225

4.2596

266.7250,
237.3652, 473.7823

■ 0.0000, 0.0000,
1.7688

■ 0.0000, 0.0000,
0.4073

■ 35.6021, 26.7455,
91.2816

■ 35.6021, 26.7455,
91.2816

■ 29.7024, 19.7600,
90.2447

■ 42.8939, 35.5932,
92.6056

■ 25.0996, 14.4981,
89.4717

■ 51.6576, 46.4224,
94.2339

■ 21.6915, 10.8061,
88.9387

■ 61.9708, 59.3455,
96.1848

■ 19.3576, 8.5006,
88.6167

■ 73.9046, 74.4658,
98.4743

■ 17.9808, 7.3300,
88.4633

■ 87.5257, 91.8796,
101.1176

■ 93.7886, 99.4954,
102.2575

Harmonies

Analogous

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



26.2072, 26.7455, 108.4291



35.6021, 26.7455, 91.2816



43.4462, 26.7455, 57.2697

Triad

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



35.6021, 26.7455, 91.2816



33.9410, 26.7455, 3.8855



12.0648, 26.7455, 31.4079

Complementary

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



35.6021, 26.7455, 91.2816



67.2049, 83.6148, 31.0103

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.



13.2312, 26.7455, 12.1452



35.6021, 26.7455, 91.2816



24.6503, 26.7455, 2.6549

Square

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



35.6021, 26.7455, 91.2816



42.3429, 26.7455, 10.1149



17.3930, 26.7455, 4.4971



13.7413, 26.7455, 63.5468

Rectangle

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



35.6021, 26.7455, 91.2816



45.9791, 26.7455, 35.7114



17.3930, 26.7455, 4.4971



12.1378, 26.7455, 23.3964

Sweetspot

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



35.6032, 26.7464, 91.2823



73.5683, 72.5794, 104.7395



51.4932, 64.2098, 97.6759



15.1707, 14.8056, 22.3081



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.



35.6032, 26.7464, 91.2823



31.6564, 20.9213, 96.9775



49.5974, 33.9607, 91.9372



15.8781, 16.0798, 20.8094



9.5976, 3.9220, 46.7892



0.9219, 0.3851, 4.1160

Inverse Universe

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



58.6368, 39.0215, 74.2523



59.3531, 35.7126, 75.0930



51.5901, 75.5651, 30.2795



17.0692, 16.7105, 20.1109



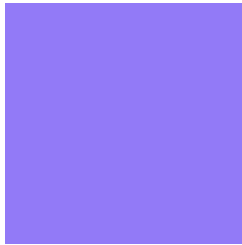
25.8239, 12.6730, 30.1107



2.3039, 1.1275, 2.8267

Previews

White Background



This preview shows how the XYZ color 35.6021, 26.7455, 91.2816 looks on a white background.

Color Contrast Check

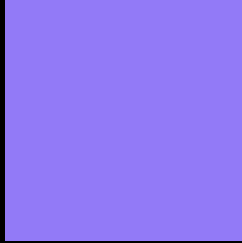
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.6021, 26.7455, 91.2816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

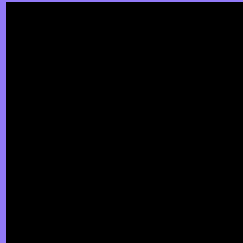
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.6021, 26.7455, 91.2816

Background



This preview shows how black text looks on a background with the XYZ color 35.6021, 26.7455, 91.2816.

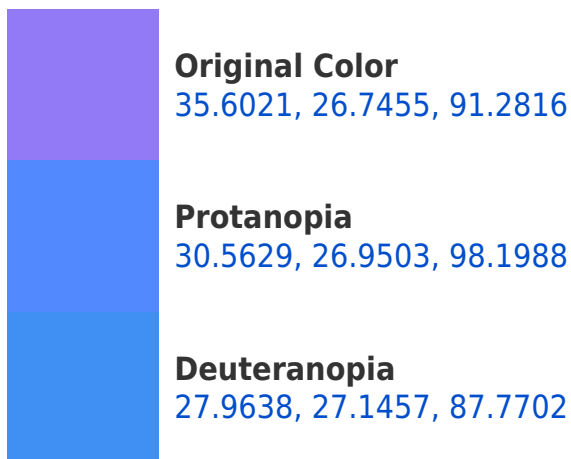


This preview shows how white text looks on a background with the XYZ color 35.6021, 26.7455,

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





Tritanopia

24.2862, 26.6319, 35.3129

Trichromacy



Original Color

35.6021, 26.7455, 91.2816

Protanomaly

31.7658, 26.5950, 95.5546

Deuteranomaly

29.6092, 26.2393, 89.0921

Tritanomaly

27.5052, 26.1880, 51.7492

Monochromacy



Original Color

35.6021, 26.7455, 91.2816

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

28.5061, 26.5934, 47.3467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6021, 26.7455, 91.2816 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(146, 122, 247)` looks like.

```
.text, #text, p{  
    color:rgb(146, 122, 247)  
}
```

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(146, 122, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 122, 247) }
```

Border

The CSS property to change the border of an element to XYZ 35.6021, 26.7455, 91.2816 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(146, 122, 247) }
```


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

```
.border{ border-color:rgb(146, 122, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 122, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 122, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 122, 247);  
box-shadow:4px 4px 4px 4px rgb(146, 122,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6021, 26.7455, 91.2816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 122, 247) }
```

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

```
.background{ background-color: rgb(146,  
122, 247) }
```

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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