

Converting Colors

XYZ(36.1706, 28.6631, 86.8482)

Have a look what the booklet for
XYZ(36.1706, 28.6631, 86.8482)
contains.

XYZ(36.2542, 28.7057, 86.8490)	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(36.2542, 28.7057,
86.8490)**

Conversions

Conversions Part 1

Format	Color
Hex	9582F1
RGB	149, 130, 241
RGB Percent	58%, 51%, 95%
CMY	0.4157, 0.4902, 0.0549
CMYK	0.38, 0.46, 0.00, 0.05
HSL	250°, 80%, 73%
HSV	250°, 46%, 95%
XYZ	36.2542, 28.7057, 86.8490
YIQ	148.3350, -24.3070, 38.5490

Conversions

Conversions Part 2

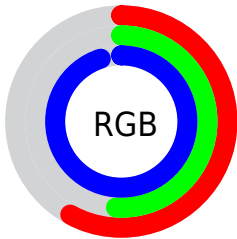
Format	Color
R_{YB}	149, 130, 241
Decimal	9798385
CIE _{Lab}	60.52, 32.78, -53.55
CIE _{LCh}	61, 62.785, 301.474
Yxy	28.7057, 0.2388, 0.1891
Android (android.graphics.Color)	4287988465 (0xFF9582F1)
YUV	148.3350, 45.6838, 0.5832
Hunter-Lab	53.5777, 27.0239, -58.6042

Details

The XYZ color **36.2542, 28.7057, 86.8490** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **65.6089, 80.0522, 33.1136**, and the grayscale version is **28.1115, 29.5755, 32.2077**.

A 20% lighter version of the original color is **60.4371, 54.2088, 101.8857**, and **16.0346, 11.5252, 46.7269** is the 20% darker color. If you saturate the color by 10%, you get **30.0790, 21.3083, 85.7472**, and if you desaturate by 10%, it is **43.8073, 37.9286, 88.2317**.

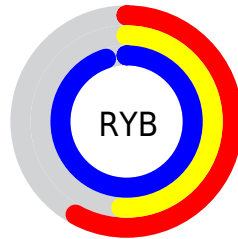
Distribution



Red (58%)

Green (51%)

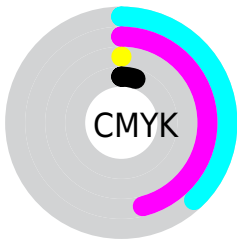
Blue (95%)



Red (58%)

Yellow (51%)

Blue (95%)

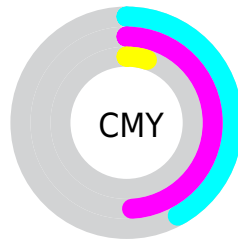


Cyan (38%)

Magenta (46%)

Yellow (0%)

Black (5%)



Cyan (42%)

Magenta (49%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.2542, 28.7057, 86.8490 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 36.2542, 28.7057, 86.8490 by changing the saturation by 10% instead.

■ 36.2542, 28.7057,
86.8490

■ 36.2542, 28.7057,
86.8490

321.4821,
295.8238, 538.0299

■ 24.8016, 18.8583,
64.8113

■ 68.7455, 57.6092,
144.8507

■ 16.0572, 11.5679,
46.8577

■ 90.5150, 77.4340,
181.6518

■ 9.6558, 6.4502,
32.5697

■ 116.4541,
101.3535, 224.2111

■ 5.2318, 3.1207,
21.5286

146.9283,
129.7520, 272.9471

■ 2.4201, 1.1951,
13.3159

182.3028,
163.0139, 328.2785

■ 0.8551, 0.0577,
7.5132

222.9430,

■ 0.0000, 0.0000,

201.5235, 390.6237

3.7018

269.2144,
245.6654, 460.4013

■ 0.0000, 0.0000,
1.4632

■ 0.0000, 0.0000,
0.1903

■ 36.2542, 28.7057,
86.8490

■ 36.2542, 28.7057,
86.8490

■ 30.0790, 21.3083,
85.7472

■ 43.8073, 37.9286,
88.2317

■ 25.1931, 15.6104,
84.9049

■ 52.8125, 49.0851,
89.9105

■ 21.5029, 11.4749,
84.3012

■ 63.3428, 62.2788,
91.9021

■ 18.8998, 8.7414,
83.9107

■ 75.4650, 77.6047,
94.2214

■ 17.2534, 7.2134,
83.7026

■ 89.2421, 95.1520,
96.8822

■ 16.8020, 6.8276,
83.6519

■ 92.8773, 99.1309,
97.4586

Harmonies

Analogous

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



27.6867, 28.7057, 100.4495



36.2542, 28.7057, 86.8490



43.3904, 28.7057, 57.7749

Triad

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



36.2542, 28.7057, 86.8490



35.4215, 28.7057, 6.1580



14.4841, 28.7057, 32.4178

Complementary

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



36.2542, 28.7057, 86.8490



65.6089, 80.0522, 33.1136

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.



15.7564, 28.7057, 14.4220



36.2542, 28.7057, 86.8490



26.8850, 28.7057, 4.5040

Square

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



36.2542, 28.7057, 86.8490



42.8465, 28.7057, 13.2670



19.9306, 28.7057, 6.5550



16.0360, 28.7057, 60.8219

Rectangle

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



36.2542, 28.7057, 86.8490



45.7753, 28.7057, 38.3488



19.9306, 28.7057, 6.5550



14.5939, 28.7057, 25.0960

Sweetspot

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



36.2553, 28.7067, 86.8497



74.6396, 74.1135, 104.9791



51.3381, 63.6060, 92.7910



15.3722, 15.1027, 22.3549



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.



36.2553, 28.7067, 86.8497



34.7595, 24.8928, 97.5805



48.7624, 35.1544, 87.4350



15.1494, 15.3587, 19.8877



9.1880, 3.7420, 45.3659



0.8365, 0.3485, 3.7774

Inverse Universe

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



57.4435, 39.9407, 73.7885



61.7648, 39.2335, 79.9122



51.4217, 72.7384, 32.4497



16.3313, 15.9822, 19.3009



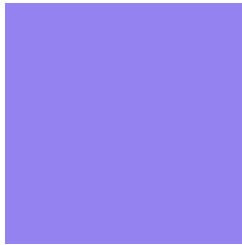
25.3529, 12.4136, 30.8387



2.1395, 1.0448, 2.7253

Previews

White Background



This preview shows how the XYZ color 36.2542, 28.7057, 86.8490 looks on a white background.

Color Contrast Check

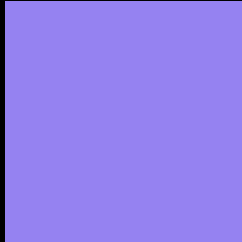
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.2542, 28.7057, 86.8490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

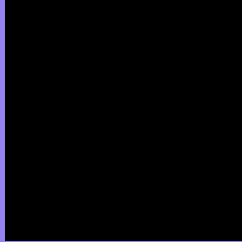
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.2542, 28.7057, 86.8490

Background



This preview shows how black text looks on a background with the XYZ color 36.2542, 28.7057, 86.8490.



This preview shows how white text looks on a background with the XYZ color 36.2542, 28.7057,

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

36.2542, 28.7057, 86.8490

Protanopia

32.3324, 28.9792, 96.8180

Deuteranopia

29.7814, 28.8459, 84.1189



Tritanopia

26.1410, 28.4637, 37.3740

Trichromacy



Original Color

36.2542, 28.7057, 86.8490

Protanomaly

33.3898, 28.7295, 93.4080

Deuteranomaly

31.3662, 28.3087, 84.6999

Tritanomaly

29.0267, 28.0422, 52.0269

Monochromacy



Original Color

36.2542, 28.7057, 86.8490

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

30.1811, 28.7231, 48.2094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2542, 28.7057, 86.8490 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(149, 130, 241)` looks like.

```
.text, #text, p{  
    color:rgb(149, 130, 241)  
}
```

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(149, 130, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 130, 241) }
```

Border

The CSS property to change the border of an element to XYZ 36.2542, 28.7057, 86.8490 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(149, 130, 241) }
```


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

```
.border{ border-color:rgb(149, 130, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 130, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 130, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 130, 241);  
box-shadow:4px 4px 4px 4px rgb(149, 130,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2542, 28.7057, 86.8490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 130, 241) }
```

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

```
.background{ background-color: rgb(149,  
130, 241) }
```

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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