

Converting Colors

XYZ(35.4107, 30.3267, 80.3687)

Have a look what the booklet for
XYZ(35.4107, 30.3267, 80.3687)
contains.

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Color

**XYZ(35.2997, 30.2207,
80.3166)**

Conversions

Conversions Part 1

Format	Color
Hex	908BE8
RGB	144, 139, 232
RGB Percent	56%, 55%, 91%
CMY	0.4353, 0.4549, 0.0902
CMYK	0.38, 0.40, 0.00, 0.09
HSL	243°, 67%, 73%
HSV	243°, 40%, 91%
XYZ	35.2997, 30.2207, 80.3166
YIQ	151.0970, -26.8730, 29.9830

Conversions

Conversions Part 2

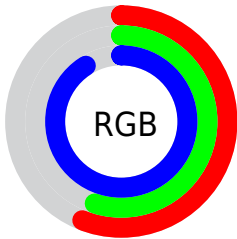
Format	Color
RYB	144, 139, 232
Decimal	9473000
CIELab	61.84, 23.87, -46.49
CIELCh	62, 52.262, 297.173
Yxy	30.2207, 0.2420, 0.2072
Android (android.graphics.Color)	4287663080 (0xFF908BE8)
YUV	151.0970, 39.8852, -6.2241
Hunter-Lab	54.9734, 18.4157, -48.1419

Details

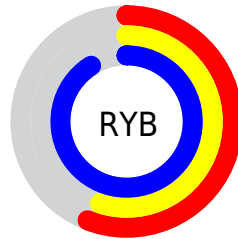
The XYZ color **35.2997, 30.2207, 80.3166** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **65.1955, 75.9086, 35.6427**, and the grayscale version is **29.3008, 30.8267, 33.5703**.

A 20% lighter version of the original color is **60.9870, 57.3368, 102.4605**, and **15.5287, 12.4032, 42.6499** is the 20% darker color. If you saturate the color by 10%, you get **28.8216, 22.4128, 79.1515**, and if you desaturate by 10%, it is **43.2383, 39.8406, 81.7556**.

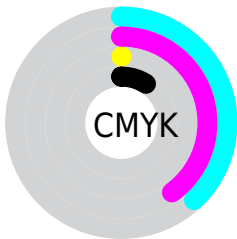
Distribution



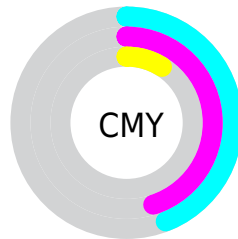
- Red (56%)
- Green (55%)
- Blue (91%)



- Red (56%)
- Yellow (55%)
- Blue (91%)



- Cyan (38%)
- Magenta (40%)
- Yellow (0%)
- Black (9%)



- Cyan (44%)
- Magenta (45%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2997, 30.2207, 80.3166 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 35.2997, 30.2207, 80.3166 by changing the saturation by 10% instead.

■ 35.2997, 30.2207,
80.3166

■ 35.2997, 30.2207,
80.3166

317.3741,
302.9318, 515.7340

■ 24.0614, 20.0062,
59.4512

■ 67.2808, 60.0110,
135.6262

■ 15.5042, 12.3995,
42.5541

■ 88.7543, 80.3556,
170.9075

■ 9.2626, 7.0164,
29.2066

■ 114.3702,
104.8457, 211.8311

■ 4.9713, 3.4723,
18.9902

144.4939,
133.8656, 258.8157

■ 2.2650, 1.3830,
11.4865

179.4909,
167.7998, 312.2797

■ 0.7767, 0.2042,
6.2768

219.7263,

■ 0.0000, 0.0000,

207.0326, 372.6418

2.9426

265.5656,
251.9485, 440.3204

■ 0.0000, 0.0000,
1.0654

■ 0.0000, 0.0000,
0.0000

■ 35.2997, 30.2207,
80.3166

■ 35.2997, 30.2207,
80.3166

■ 28.8216, 22.4128,
79.1515

■ 43.2383, 39.8406,
81.7556

■ 23.7116, 16.3003,
78.2410

■ 52.7154, 51.3726,
83.4820

■ 19.8725, 11.7580,
77.5666

■ 63.8075, 64.9136,
85.5111

■ 17.1923, 8.6424,
77.1065

■ 76.5848, 80.5530,
87.8563

■ 15.5397, 6.7833,
76.8348

■ 91.1129, 98.3729,
90.5302

■ 14.7240, 5.9079,
76.7088

■ 91.5656, 98.6062,
90.5514

Harmonies

Analogous

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



28.0669, 30.2207, 88.1653



35.2997, 30.2207, 80.3166



41.5431, 30.2207, 58.4518

Triad

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



35.2997, 30.2207, 80.3166



36.6316, 30.2207, 10.0207



17.2956, 30.2207, 31.0455

Complementary

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



35.2997, 30.2207, 80.3166



65.1955, 75.9086, 35.6427

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.



18.8571, 30.2207, 16.1563



35.2997, 30.2207, 80.3166



29.3910, 30.2207, 7.5085

Square

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



35.2997, 30.2207, 80.3166



42.3955, 30.2207, 18.2874



23.0200, 30.2207, 9.1868



18.3614, 30.2207, 53.7663

Rectangle

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



35.2997, 30.2207, 80.3166



43.8990, 30.2207, 42.1981



23.0200, 30.2207, 9.1868



17.5238, 30.2207, 25.0878

Sweetspot

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



35.3008, 30.2218, 80.3173



76.1917, 76.9227, 105.4396



52.7786, 66.4457, 86.3881



15.9083, 15.9761, 22.4952



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.



35.3008, 30.2218, 80.3173



37.0609, 29.3905, 98.3273



45.0716, 35.2588, 80.7746



13.6542, 13.9240, 18.1123



8.2064, 3.2964, 42.5869



0.6319, 0.2567, 3.1482

Inverse Universe

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



56.3769, 41.1679, 77.6473



66.5810, 44.7290, 94.2710



52.5385, 69.3836, 35.0503



14.9599, 14.6011, 17.9891



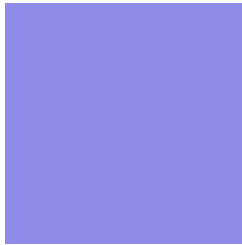
25.6271, 12.3851, 38.5268



1.9041, 0.9193, 2.9013

Previews

White Background



This preview shows how the XYZ color 35.2997, 30.2207, 80.3166 looks on a white background.

Color Contrast Check

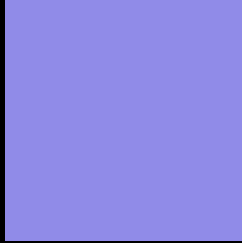
Large Text (above 18pt) WCAG AA × Fail

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 35.2997, 30.2207, 80.3166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

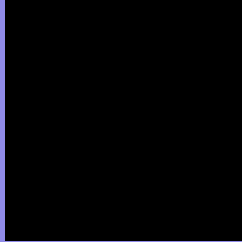
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.2997, 30.2207, 80.3166

Background



This preview shows how black text looks on a background with the XYZ color 35.2997, 30.2207, 80.3166.



This preview shows how white text looks on a background with the XYZ color 35.2997, 30.2207,

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

35.2997, 30.2207, 80.3166

Protanopia

32.6509, 30.3082, 85.0181

Deuteranopia

31.3370, 30.4593, 79.0905



Tritanopia

27.0849, 30.0883, 39.9774

Trichromacy



Original Color

35.2997, 30.2207, 80.3166

Protanomaly

33.4202, 30.0610, 83.3978

Deuteranomaly

32.5752, 30.1579, 79.7055

Tritanomaly

29.6067, 29.9223, 52.3592

Monochromacy



Original Color

35.2997, 30.2207, 80.3166

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.8847, 30.4586, 47.4313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2997, 30.2207, 80.3166 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(144, 139, 232)` looks like.

```
.text, #text, p{  
    color:rgb(144, 139, 232)  
}
```

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(144, 139, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 139, 232) }
```

Border

The CSS property to change the border of an element to XYZ 35.2997, 30.2207, 80.3166 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(144, 139, 232) }
```


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

```
.border{ border-color:rgb(144, 139, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 139, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 139, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 139, 232);  
box-shadow:4px 4px 4px 4px rgb(144, 139,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2997, 30.2207, 80.3166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 139, 232) }
```

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

```
.background{ background-color: rgb(144,  
139, 232) }
```

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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