

Converting Colors

XYZ(34.4991, 28.2510, 84.5236)

Have a look what the booklet for
XYZ(34.4991, 28.2510, 84.5236)
contains.

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Color

**XYZ(34.4991, 28.2510,
84.5236)**

Conversions

Conversions Part 1

Format	Color
Hex	8C84EE
RGB	140, 132, 238
RGB Percent	55%, 52%, 93%
CMY	0.4510, 0.4823, 0.0667
CMYK	0.41, 0.45, 0.00, 0.07
HSL	245°, 76%, 73%
HSV	245°, 45%, 93%
XYZ	34.4991, 28.2510, 84.5236
YIQ	146.4760, -29.2580, 34.6620

Conversions

Conversions Part 2

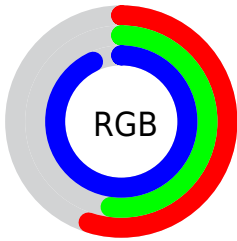
Format	Color
RYB	140, 132, 238
Decimal	9209070
CIELab	60.11, 28.58, -52.58
CIELCh	60, 59.845, 298.530
Yxy	28.2510, 0.2343, 0.1918
Android (android.graphics.Color)	4287399150 (0xFF8C84EE)
YUV	146.4760, 45.1213, -5.6795
Hunter-Lab	53.1517, 22.8434, -57.0788

Details

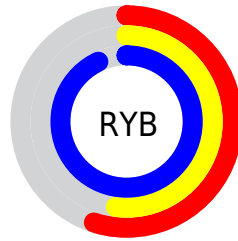
The XYZ color **34.4991, 28.2510, 84.5236** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **67.3723, 79.6382, 33.6513**, and the grayscale version is **27.3469, 28.7711, 31.3317**.

A 20% lighter version of the original color is **58.4249, 53.7882, 101.9106**, and **14.9251, 11.2098, 45.0931** is the 20% darker color. If you saturate the color by 10%, you get **28.2880, 20.7925, 83.4119**, and if you desaturate by 10%, it is **42.1899, 37.5658, 85.9168**.

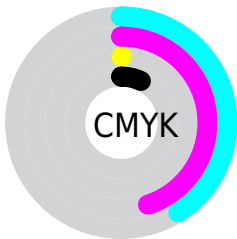
Distribution



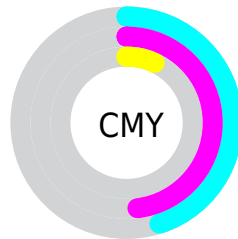
- Red (55%)
- Green (52%)
- Blue (93%)



- Red (55%)
- Yellow (52%)
- Blue (93%)



- Cyan (41%)
- Magenta (45%)
- Yellow (0%)
- Black (7%)



- Cyan (45%)
- Magenta (48%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4991, 28.2510, 84.5236 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 34.4991, 28.2510, 84.5236 by changing the saturation by 10% instead.

■ 34.4991, 28.2510,
84.5236

■ 34.4991, 28.2510,
84.5236

313.8987,
293.6643, 530.1538

■ 23.4420, 18.5150,
62.8999

■ 66.0482, 56.8849,
141.5756

■ 15.0427, 11.3203,
45.3198

■ 87.2709, 76.5516,
177.8411

■ 8.9359, 6.2827,
31.3646

■ 112.6129,
100.2973, 219.8242

■ 4.7561, 3.0177,
20.6159

142.4394,
128.5063, 267.9435

■ 2.1382, 1.1410,
12.6550

177.1159,
161.5632, 322.6176

■ 0.7098, 0.0127,
7.0635

217.0077,

■ 0.0000, 0.0000,

199.8522, 384.2650

3.4228

262.4802,
243.7578, 453.3042

■ 0.0000, 0.0000,
1.3144

■ 0.0000, 0.0000,
0.0735

■ 34.4991, 28.2510,
84.5236

■ 34.4991, 28.2510,
84.5236

■ 28.2880, 20.7925,
83.4119

■ 42.1899, 37.5658,
85.9168

■ 23.4580, 15.0630,
82.5605

■ 51.4436, 48.8469,
87.6065

■ 19.9039, 10.9239,
81.9489

■ 62.3413, 62.1991,
89.6093

■ 17.5039, 8.2138,
81.5523

■ 74.9577, 77.7189,
91.9400

■ 16.1117, 6.7368,
81.3406

■ 89.3625, 95.4968,
94.6123

■ 15.6816, 6.3014,
81.2792

■ 92.4327, 98.9531,
95.1176

Harmonies

Analogous

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



26.4766, 28.2510, 94.9212



34.4991, 28.2510, 84.5236



41.4354, 28.2510, 58.3747

Triad

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



34.4991, 28.2510, 84.5236



35.2764, 28.2510, 7.0182



14.6783, 28.2510, 29.6937

Complementary

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



34.4991, 28.2510, 84.5236



67.3723, 79.6382, 33.6513

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.



16.1677, 28.2510, 13.6065



34.4991, 28.2510, 84.5236



27.2304, 28.2510, 4.9556

Square

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



34.4991, 28.2510, 84.5236



41.9407, 28.2510, 14.7210



20.4272, 28.2510, 6.6229



15.9005, 28.2510, 55.5557

Rectangle

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



34.4991, 28.2510, 84.5236



43.9800, 28.2510, 39.9104



20.4272, 28.2510, 6.6229



14.8721, 28.2510, 23.1283

Sweetspot

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



34.5002, 28.2520, 84.5243



74.9813, 75.2866, 105.1876



53.5062, 68.1937, 91.2321



15.3941, 15.3101, 22.3937



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.



34.5002, 28.2520, 84.5243



33.9625, 25.3669, 97.7140



45.4397, 33.8915, 85.0363



15.0078, 15.2857, 19.8811



8.7888, 3.5362, 45.3472



0.7693, 0.3138, 3.7742

Inverse Universe

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



57.7944, 40.3934, 79.6123



64.3889, 41.2371, 90.7895



53.0849, 72.2728, 32.9827



16.3998, 16.0096, 19.6613



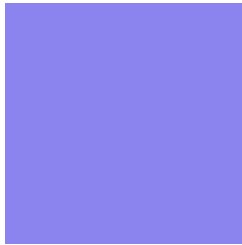
26.9025, 13.0334, 38.9987



2.2533, 1.0904, 3.3246

Previews

White Background



This preview shows how the XYZ color 34.4991, 28.2510, 84.5236 looks on a white background.

Color Contrast Check

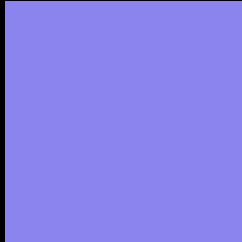
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.4991, 28.2510, 84.5236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

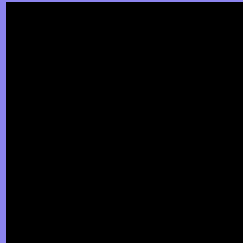
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.4991, 28.2510, 84.5236

Background



This preview shows how black text looks on a background with the XYZ color 34.4991, 28.2510, 84.5236.



This preview shows how white text looks on a background with the XYZ color 34.4991, 28.2510,

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

34.4991, 28.2510, 84.5236

Protanopia

31.4590, 28.4178, 91.8228

Deuteranopia

29.3372, 28.4226, 82.5371



Tritanopia

25.0656, 28.1330, 37.8273

Trichromacy



Original Color

34.4991, 28.2510, 84.5236

Protanomaly

32.3570, 28.2860, 89.3423

Deuteranomaly

30.7027, 28.0004, 83.1433

Tritanomaly

27.9099, 27.9082, 52.0599

Monochromacy



Original Color

34.4991, 28.2510, 84.5236

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.1632, 28.2337, 46.5604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4991, 28.2510, 84.5236 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(140, 132, 238)` looks like.

```
.text, #text, p{  
    color:rgb(140, 132, 238)  
}
```

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(140, 132, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 132, 238) }
```

Border

The CSS property to change the border of an element to XYZ 34.4991, 28.2510, 84.5236 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(140, 132, 238) }
```


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

```
.border{ border-color:rgb(140, 132, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 132, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 132, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 132, 238);  
box-shadow:4px 4px 4px 4px rgb(140, 132,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4991, 28.2510, 84.5236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 132, 238) }
```

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

```
.background{ background-color: rgb(140,  
132, 238) }
```

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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