

Converting Colors

XYZ(35.7963, 27.6253, 89.8317)

Have a look what the booklet for
XYZ(35.7963, 27.6253, 89.8317)
contains.

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Color

**XYZ(35.7963, 27.6253,
89.8317)**

Conversions

Conversions Part 1	
Format	Color
Hex	927EF5
RGB	146, 126, 245
RGB Percent	57%, 49%, 96%
CMY	0.4274, 0.5059, 0.0392
CMYK	0.40, 0.49, 0.00, 0.04
HSL	250°, 86%, 73%
HSV	250°, 49%, 96%
XYZ	35.7963, 27.6253, 89.8317
YIQ	145.5460, -26.2790, 41.2490

Conversions

Conversions Part 2

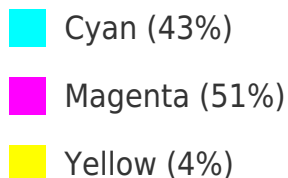
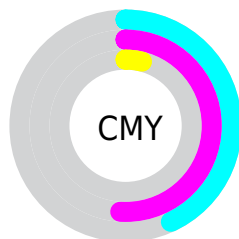
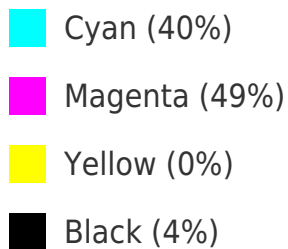
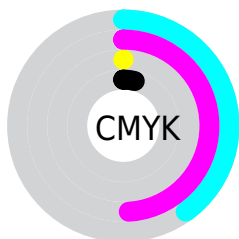
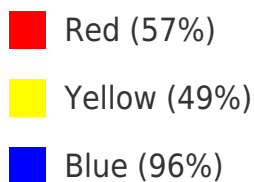
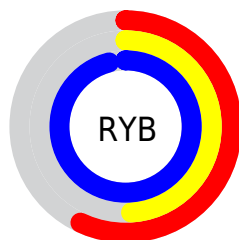
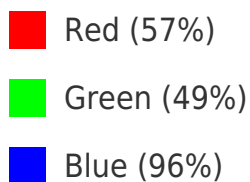
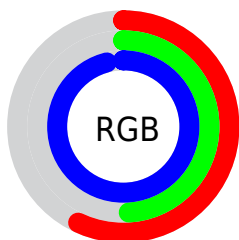
Format	Color
RYB	146, 126, 245
Decimal	9600757
CIELab	59.55, 35.44, -57.32
CIELCh	60, 67.394, 301.725
Yxy	27.6253, 0.2336, 0.1803
Android (android.graphics.Color)	4287790837 (0xFF927EF5)
YUV	145.5460, 49.0308, 0.3982
Hunter-Lab	52.5598, 29.5894, -64.5427

Details

The XYZ color **35.7963, 27.6253, 89.8317** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **67.4697, 82.8190, 32.1691**, and the grayscale version is **26.9509, 28.3545, 30.8780**.

A 20% lighter version of the original color is **59.0719, 52.2976, 101.5888**, and **15.8508, 11.0624, 48.8768** is the 20% darker color. If you saturate the color by 10%, you get **29.7327, 20.4047, 88.7581**, and if you desaturate by 10%, it is **43.2751, 36.7148, 91.1925**.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 35.7963, 27.6253, 89.8317 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 35.7963, 27.6253, 89.8317 by changing the saturation by 10% instead.


 35.7963, 27.6253,
89.8317


 35.7963, 27.6253,
89.8317


319.5161,
290.6721, 548.0392


 24.4463, 18.0434,
67.2681


 68.0435, 55.8857,
149.0381

 15.7915, 10.9811,
48.8396


 89.6714, 75.3329,
186.5180

 9.4667, 6.0542,
34.1276


 115.4559, 98.8374,
229.8070

 5.1063, 2.8780,
22.7135

145.7625,
126.7835, 279.3239

 2.3452, 1.0684,
14.1788

180.9564,
159.5556, 335.4869

 0.8176, 0.0000,
8.1049


221.4031,


 0.0000, 0.0000,


197.5382, 398.7148


4.0734


267.4679,
241.1155, 469.4261

 0.0000, 0.0000,
1.6657


 0.0000, 0.0000,
0.3371


 35.7963, 27.6253,
89.8317

 35.7963, 27.6253,
89.8317


 29.7327, 20.4047,
88.7581

 43.2751, 36.7148,
91.1925

 24.9895, 14.9185,
87.9492

 52.2488, 47.7891,
92.8571

 21.4655, 11.0183,
87.3821

 62.7948, 60.9581,
94.8432

 19.0423, 8.5292,
87.0294

 74.9845, 76.3228,
97.1664

■ 17.5623, 7.2062,
86.8520

■ 88.8846, 93.9777,
99.8415

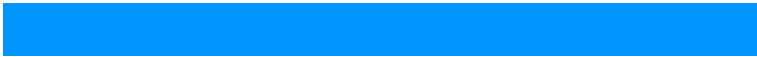
■ 17.4032, 7.0677,
86.8337

■ 93.4815, 99.3726,
100.6405

Harmonies

Analogous

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



26.7509, 27.6253, 105.0412



35.7963, 27.6253, 89.8317



43.3900, 27.6253, 58.0587

Triad

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



35.7963, 27.6253, 89.8317



34.7611, 27.6253, 4.8515



13.1006, 27.6253, 31.5070

Complementary

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



35.7963, 27.6253, 89.8317



67.4697, 82.8190, 32.1691

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.



14.3577, 27.6253, 12.9407



35.7963, 27.6253, 89.8317



25.7692, 27.6253, 3.3860

Square

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



35.7963, 27.6253, 89.8317



42.7075, 27.6253, 11.6021



18.5836, 27.6253, 5.2801



14.6884, 27.6253, 61.9157

Rectangle

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



35.7963, 27.6253, 89.8317



45.9191, 27.6253, 37.3113



18.5836, 27.6253, 5.2801



13.2029, 27.6253, 23.8479

Sweetspot

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



35.7974, 27.6263, 89.8324



73.2851, 72.4334, 104.7262



52.0566, 64.9695, 96.1834



15.1033, 14.7709, 22.3050



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.



35.7974, 27.6263, 89.8324



32.8275, 22.6585, 97.2511



49.2119, 34.5417, 90.4602



15.8407, 16.0605, 20.8077



9.4527, 3.8474, 46.7824



0.9038, 0.3758, 4.1151

Inverse Universe

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



58.7080, 39.7711, 75.8158



60.8108, 37.5173, 79.0029



52.0751, 74.8828, 31.4486



17.0870, 16.7177, 20.2048



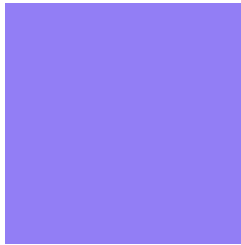
26.1909, 12.8198, 32.0434



2.3329, 1.1391, 2.9797

Previews

White Background



This preview shows how the XYZ color 35.7963, 27.6253, 89.8317 looks on a white background.

Color Contrast Check

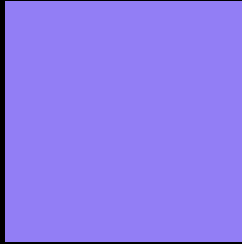
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.7963, 27.6253, 89.8317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

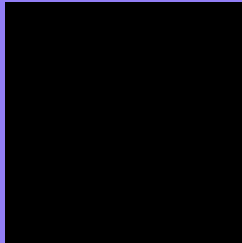
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.7963, 27.6253, 89.8317

Background



This preview shows how black text looks on a background with the XYZ color 35.7963, 27.6253, 89.8317.



This preview shows how white text looks on a background with the XYZ color 35.7963, 27.6253,

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

35.7963, 27.6253, 89.8317

Protanopia

31.4024, 27.8091, 98.3203

Deuteranopia

28.7521, 27.7932, 87.0683



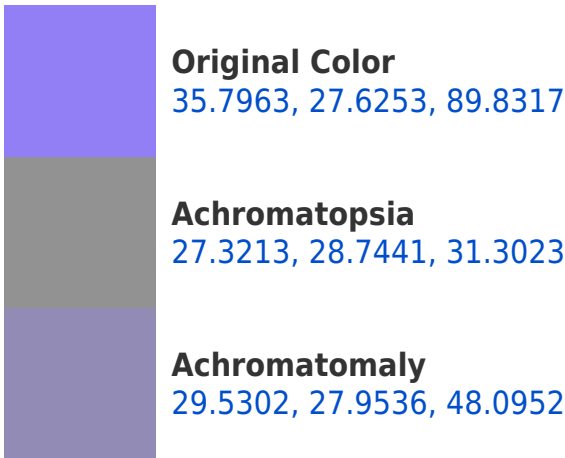
Tritanopia

25.0627, 27.6960, 36.3727

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7963, 27.6253, 89.8317 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, 126, 245) looks like.

```
.text, #text, p{  
    color:rgb(146, 126, 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(146, 126, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 126, 245) }
```

Border

The CSS property to change the border of an element to XYZ 35.7963, 27.6253, 89.8317 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, 126, 245) }
```


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

```
.border{ border-color:rgb(146, 126, 245) }
```

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

Here you see how a box with a 4 pixel rgb(146, 126, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 126, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 126, 245);  
box-shadow:4px 4px 4px 4px rgb(146, 126,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7963, 27.6253, 89.8317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 126, 245) }
```

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

```
.background{ background-color: rgb(146,  
126, 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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