

Converting Colors

XYZ(34.7363, 26.7554, 87.3379)

Have a look what the booklet for
XYZ(34.7363, 26.7554, 87.3379)
contains.

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Color

**XYZ(34.7363, 26.7554,
87.3379)**

Conversions

Conversions Part 1

Format	Color
Hex	907CF2
RGB	144, 124, 242
RGB Percent	56%, 49%, 95%
CMY	0.4353, 0.5137, 0.0510
CMYK	0.40, 0.49, 0.00, 0.05
HSL	250°, 82%, 72%
HSV	250°, 49%, 95%
XYZ	34.7363, 26.7554, 87.3379
YIQ	143.4320, -25.9580, 40.9380

Conversions

Conversions Part 2

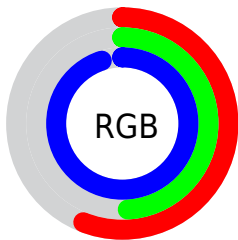
Format	Color
RYB	144, 124, 242
Decimal	9469170
CIELab	58.75, 35.29, -56.95
CIELCh	59, 67.002, 301.786
Yxy	26.7554, 0.2334, 0.1798
Android (android.graphics.Color)	4287659250 (0xFF907CF2)
YUV	143.4320, 48.5940, 0.4981
Hunter-Lab	51.7256, 29.3517, -63.9023

Details

The XYZ color **34.7363, 26.7554, 87.3379** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **65.5141, 80.4892, 31.1524**, and the grayscale version is **26.1011, 27.4604, 29.9044**.

A 20% lighter version of the original color is **58.1293, 51.2208, 101.4306**, and **15.2035, 10.5612, 47.1361** is the 20% darker color. If you saturate the color by 10%, you get **28.8640, 19.7654, 86.2987**, and if you desaturate by 10%, it is **41.9797, 35.5575, 88.6556**.

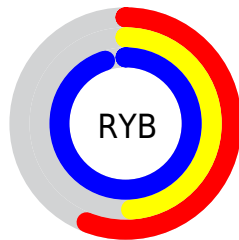
Distribution



Red (56%)

Green (49%)

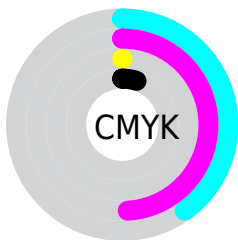
Blue (95%)



Red (56%)

Yellow (49%)

Blue (95%)

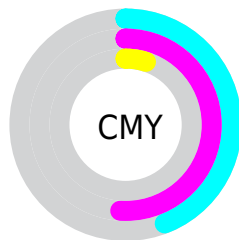


Cyan (40%)

Magenta (49%)

Yellow (0%)

Black (5%)



Cyan (44%)

Magenta (51%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7363, 26.7554, 87.3379 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 34.7363, 26.7554, 87.3379 by changing the saturation by 10% instead.

■ 34.7363, 26.7554,
87.3379

■ 34.7363, 26.7554,
87.3379

314.9313,
286.4709, 539.6776

■ 23.6254, 17.3896,
65.2137

■ 66.4138, 54.4911,
145.5380

■ 15.1792, 10.5127,
47.1819

■ 87.7110, 73.6298,
182.4510

■ 9.0324, 5.7402,
32.8241

■ 113.1344, 96.7950,
225.1307

■ 4.8196, 2.6877,
21.7217

143.0494,
124.3709, 273.9955

■ 2.1755, 0.9710,
13.4562

177.8212,
156.7421, 329.4640

■ 0.7298, 0.0000,
7.6090

217.8152,

■ 0.0000, 0.0000,

194.2929, 391.9549

3.7616

263.3968,
237.4077, 461.8866

■ 0.0000, 0.0000,
1.4955

■ 0.0000, 0.0000,
0.2146

■ 34.7363, 26.7554,
87.3379

■ 34.7363, 26.7554,
87.3379

■ 28.8640, 19.7654,
86.2987

■ 41.9797, 35.5575,
88.6556

■ 24.2710, 14.4567,
85.5161

■ 50.6714, 46.2843,
90.2680

■ 20.8589, 10.6853,
84.9680

■ 60.8867, 59.0424,
92.1922

■ 18.5130, 8.2811,
84.6276

■ 72.6946, 73.9299,
94.4434

■ 17.0777, 7.0008,
84.4561

■ 86.1599, 91.0385,
97.0360

■ 16.9425, 6.8827,
84.4405

■ 93.0271, 99.1908,
98.2476

Harmonies

Analogous

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



25.9280, 26.7554, 102.2359



34.7363, 26.7554, 87.3379



42.1292, 26.7554, 56.3258

Triad

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



34.7363, 26.7554, 87.3379



33.6924, 26.7554, 4.6350



12.6402, 26.7554, 30.5715

Complementary

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



34.7363, 26.7554, 87.3379



65.5141, 80.4892, 31.1524

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.



13.8552, 26.7554, 12.4982



34.7363, 26.7554, 87.3379



24.9389, 26.7554, 3.2288

Square

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



34.7363, 26.7554, 87.3379



41.4406, 26.7554, 11.1540



17.9551, 26.7554, 5.0634



14.1877, 26.7554, 60.2195

Rectangle

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



34.7363, 26.7554, 87.3379



44.5868, 26.7554, 36.1177



17.9551, 26.7554, 5.0634



12.7378, 26.7554, 23.1108

Sweetspot

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



34.7374, 26.7563, 87.3386



73.3020, 72.4421, 104.7270



50.5497, 63.1163, 93.5234



15.1073, 14.7729, 22.3052



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.



34.7374, 26.7563, 87.3386



32.2700, 21.9818, 97.1498



47.7732, 33.4765, 87.9486



15.1470, 15.3575, 19.8876



9.1786, 3.7372, 45.3654



0.8353, 0.3479, 3.7773

Inverse Universe

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



57.0106, 38.5670, 73.5452



60.4581, 36.9566, 78.4394



50.5635, 72.7819, 30.4528



16.3325, 15.9827, 19.3072



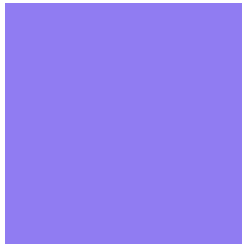
25.3781, 12.4237, 30.9714



2.1413, 1.0456, 2.7351

Previews

White Background



This preview shows how the XYZ color 34.7363, 26.7554, 87.3379 looks on a white background.

Color Contrast Check

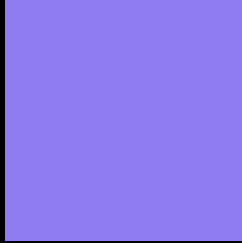
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.7363, 26.7554, 87.3379 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 34.7363, 26.7554, 87.3379

Background



This preview shows how black text looks on a background with the XYZ color 34.7363, 26.7554, 87.3379.



This preview shows how white text looks on a background with the XYZ color 34.7363, 26.7554,

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

34.7363, 26.7554, 87.3379

Protanopia

30.6518, 26.9961, 98.2030

Deuteranopia

27.8533, 26.9355, 84.6200



Tritanopia

24.1424, 26.5578, 35.3062

Trichromacy



Original Color

34.7363, 26.7554, 87.3379

Protanomaly

31.4504, 26.4688, 93.8939

Deuteranomaly

29.3896, 26.2126, 85.1719

Tritanomaly

27.2754, 26.3045, 50.6534

Monochromacy



Original Color

34.7363, 26.7554, 87.3379

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

28.2685, 26.7026, 46.3120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7363, 26.7554, 87.3379 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, 124, 242)` looks like.

```
.text, #text, p{  
    color:rgb(144, 124, 242)  
}
```

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, 124, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 124, 242) }
```

Border

The CSS property to change the border of an element to XYZ 34.7363, 26.7554, 87.3379 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, 124, 242) }
```


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

```
.border{ border-color:rgb(144, 124, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 124, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 124, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 124, 242);  
box-shadow:4px 4px 4px 4px rgb(144, 124,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7363, 26.7554, 87.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 124, 242) }
```

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

```
.background{ background-color: rgb(144,  
124, 242) }
```

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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