

Converting Colors

XYZ(34.2352, 26.8266, 75.3591)

Have a look what the booklet for
XYZ(34.2352, 26.8266, 75.3591)
contains.

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Color

**XYZ(34.2615, 26.7763,
75.3141)**

Conversions

Conversions Part 1

Format	Color
Hex	9A7CE2
RGB	154, 124, 226
RGB Percent	60%, 49%, 89%
CMY	0.3961, 0.5137, 0.1137
CMYK	0.32, 0.45, 0.00, 0.11
HSL	258°, 64%, 69%
HSV	258°, 45%, 89%
XYZ	34.2615, 26.7763, 75.3141
YIQ	144.5980, -14.8620, 38.0820

Conversions

Conversions Part 2

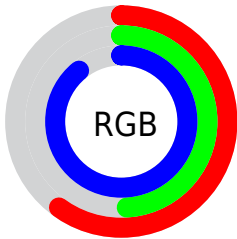
Format	Color
RYB	154, 124, 226
Decimal	10124514
CIELab	58.77, 33.57, -47.97
CIELCh	59, 58.550, 304.989
Yxy	26.7763, 0.2513, 0.1964
Android (android.graphics.Color)	4288314594 (0xFF9A7CE2)
YUV	144.5980, 40.1312, 8.2456
Hunter-Lab	51.7458, 27.6317, -50.0723

Details

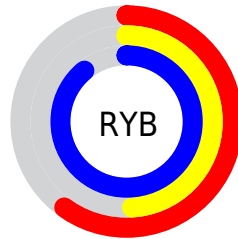
The XYZ color **34.2615, 26.7763, 75.3141** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **53.5999, 67.5842, 29.2897**, and the grayscale version is **26.5986, 27.9838, 30.4743**.

A 20% lighter version of the original color is **60.6361, 52.5132, 101.5479**, and **14.8501, 10.4525, 39.2651** is the 20% darker color. If you saturate the color by 10%, you get **28.9100, 20.2843, 74.3436**, and if you desaturate by 10%, it is **40.6676, 34.7762, 76.5211**.

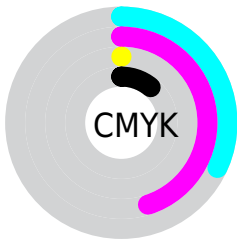
Distribution



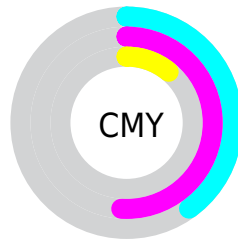
- Red (60%)
- Green (49%)
- Blue (89%)



- Red (60%)
- Yellow (49%)
- Blue (89%)



- Cyan (32%)
- Magenta (45%)
- Yellow (0%)
- Black (11%)



- Cyan (40%)
- Magenta (51%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2615, 26.7763, 75.3141 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 34.2615, 26.7763, 75.3141 by changing the saturation by 10% instead.

■ 34.2615, 26.7763,
75.3141

■ 34.2615, 26.7763,
75.3141

312.8619,
286.5724, 498.2807

■ 23.2584, 17.4053,
55.3670

■ 65.6817, 54.5247,
128.5081

■ 14.9062, 10.5239,
39.2950

■ 86.8295, 73.6709,
162.5920

■ 8.8394, 5.7477,
26.6797

■ 112.0896, 96.8442,
202.2253

■ 4.6929, 2.6923,
17.1025

141.8274,
124.4291, 247.8264

■ 2.1011, 0.9733,
10.1449

176.4081,
156.8100, 299.8140

■ 0.6898, 0.0000,
5.3883

216.1972,

■ 0.0000, 0.0000,

194.3712, 358.6065

2.4141

261.5601,
237.4972, 424.6226

■ 0.0000, 0.0000,
0.7941

■ 0.0000, 0.0000,
0.0000

■ 34.2615, 26.7763,
75.3141

■ 34.2615, 26.7763,
75.3141

■ 28.9100, 20.2843,
74.3436

■ 40.6676, 34.7762,
76.5211

■ 24.5492, 15.1992,
73.5919

■ 48.1808, 44.3701,
77.9769

■ 21.1126, 11.4121,
73.0420

■ 56.8536, 55.6410,
79.6953

■ 18.5234, 8.7958,
72.6735

■ 66.7341, 68.6652,
81.6885

■ 16.6897, 7.1958,
72.4613

■ 77.8678, 83.5141,
83.9678

■ 16.0063, 6.6658,
72.3950

■ 88.8116, 97.2833,
86.0487

■ 90.7276, 98.2710,
86.1384

Harmonies

Analogous

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



26.6755, 26.7763, 89.3387



34.2615, 26.7763, 75.3141



40.2038, 26.7763, 49.3828

Triad

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



34.2615, 26.7763, 75.3141



31.7768, 26.7763, 5.9390



13.9815, 26.7763, 32.7477

Complementary

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



34.2615, 26.7763, 75.3141



53.5999, 67.5842, 29.2897

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.



14.8356, 26.7763, 15.3777



34.2615, 26.7763, 75.3141



24.2628, 26.7763, 4.7854

Square

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



34.2615, 26.7763, 75.3141



38.5897, 26.7763, 11.7929



18.2959, 26.7763, 7.2171



15.6934, 26.7763, 58.3825

Rectangle

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



34.2615, 26.7763, 75.3141



41.9201, 26.7763, 32.7644



18.2959, 26.7763, 7.2171



13.9818, 26.7763, 25.8206

Sweetspot

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



34.2625, 26.7773, 75.3147



76.0289, 74.8297, 105.0442



42.0294, 49.7548, 79.3405



15.7071, 15.2753, 22.3705



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.



34.2625, 26.7773, 75.3147



38.5078, 27.2616, 97.8402



45.8103, 32.7304, 75.8552



13.3290, 13.4376, 17.2789



9.2349, 3.8561, 41.3059



0.7278, 0.3125, 2.8672

Inverse Universe

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



48.5361, 34.5704, 56.3394



59.8377, 38.9332, 68.3139



42.7071, 61.9688, 28.7799



14.1142, 13.8633, 16.3718



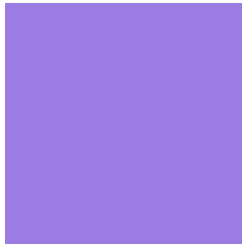
21.5439, 10.6845, 20.0615



1.5319, 0.7560, 1.5937

Previews

White Background



This preview shows how the XYZ color 34.2615, 26.7763, 75.3141 looks on a white background.

Color Contrast Check

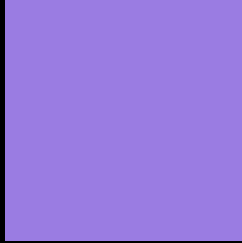
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.2615, 26.7763, 75.3141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

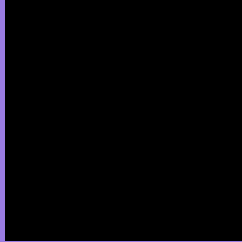
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.2615, 26.7763, 75.3141

Background



This preview shows how black text looks on a background with the XYZ color 34.2615, 26.7763, 75.3141.



This preview shows how white text looks on a background with the XYZ color 34.2615, 26.7763,

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

34.2615, 26.7763, 75.3141

Protanopia

29.8141, 27.0616, 85.3134

Deuteranopia

27.6395, 26.8651, 72.8360



Tritanopia

25.8398, 26.8057, 33.5179

Trichromacy



Original Color

34.2615, 26.7763, 75.3141

Protanomaly

30.8466, 26.6375, 81.3577

Deuteranomaly

29.4545, 26.5072, 73.3760

Tritanomaly

28.3023, 26.5119, 46.2734

Monochromacy



Original Color

34.2615, 26.7763, 75.3141

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.7984, 27.2432, 43.7850

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2615, 26.7763, 75.3141 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(154, 124, 226)` looks like.

```
.text, #text, p{  
    color:rgb(154, 124, 226)  
}
```

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(154, 124, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 124, 226) }
```

Border

The CSS property to change the border of an element to XYZ 34.2615, 26.7763, 75.3141 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(154, 124, 226) }
```


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

```
.border{ border-color:rgb(154, 124, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 124, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 124, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 124, 226);  
box-shadow:4px 4px 4px 4px rgb(154, 124,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2615, 26.7763, 75.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 124, 226) }
```

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

```
.background{ background-color: rgb(154,  
124, 226) }
```

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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