

Converting Colors

XYZ(29.8324, 26.5106, 60.7758)

Have a look what the booklet for
XYZ(29.8324, 26.5106, 60.7758)
contains.

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Color

**XYZ(29.9341, 26.6237,
60.6879)**

Conversions

Conversions Part 1

Format	Color
Hex	8B85CC
RGB	139, 133, 204
RGB Percent	55%, 52%, 80%
CMY	0.4549, 0.4784, 0.2000
CMYK	0.32, 0.35, 0.00, 0.20
HSL	245°, 41%, 66%
HSV	245°, 35%, 80%
XYZ	29.9341, 26.6237, 60.6879
YIQ	142.8880, -19.2150, 23.3530

Conversions

Conversions Part 2

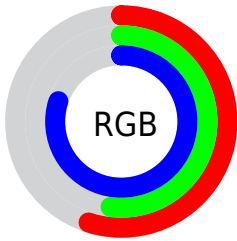
Format	Color
RYB	139, 133, 204
Decimal	9143756
CIELab	58.62, 18.53, -35.93
CIElCh	59, 40.425, 297.276
Yxy	26.6237, 0.2553, 0.2271
Android (android.graphics.Color)	4287333836 (0xFF8B85CC)
YUV	142.8880, 30.1282, -3.4098
Hunter-Lab	51.5982, 13.2580, -33.6161

Details

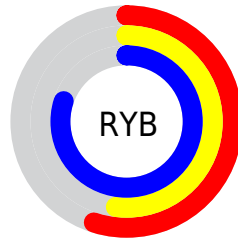
The XYZ color **29.9341, 26.6237, 60.6879** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.1157, 56.8854, 30.5826**, and the grayscale version is **25.9538, 27.3054, 29.7356**.

A 20% lighter version of the original color is **57.8570, 53.8071, 101.9442**, and **12.4329, 10.4890, 29.8031** is the 20% darker color. If you saturate the color by 10%, you get **24.5512, 20.0980, 59.7125**, and if you desaturate by 10%, it is **36.3939, 34.5108, 61.8703**.

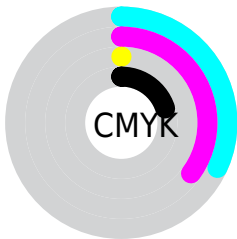
Distribution



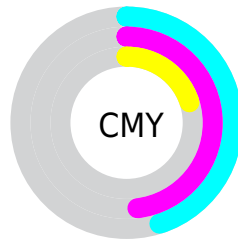
- Red (55%)
- Green (52%)
- Blue (80%)



- Red (55%)
- Yellow (52%)
- Blue (80%)



- Cyan (32%)
- Magenta (35%)
- Yellow (0%)
- Black (20%)



- Cyan (45%)
- Magenta (48%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9341, 26.6237, 60.6879 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 29.9341, 26.6237, 60.6879 by changing the saturation by 10% instead.

■ 29.9341, 26.6237,
60.6879

■ 29.9341, 26.6237,
60.6879

293.5125,
285.8305, 445.0036

■ 19.9364, 17.2908,
43.5444

■ 58.9453, 54.2794,
107.3800

■ 12.4568, 10.4421,
29.9779

■ 78.6895, 73.3711,
137.7658

■ 7.1300, 5.6930,
19.5699

■ 102.4132, 96.4844,
173.4027

■ 3.5906, 2.6593,
11.9019

130.4819,
124.0038, 214.7093

■ 1.4732, 0.9566,
6.5552

163.2608,
156.3138, 262.1041

■ 0.3075, 0.0000,
3.1113

201.1153,

■ 0.0000, 0.0000,

193.7986, 316.0058

1.1517

244.4107,
236.8427, 376.8327

■ 0.0000, 0.0000,
0.0000

■ 29.9341, 26.6237,
60.6879

■ 29.9341, 26.6237,
60.6879

■ 24.5512, 20.0980,
59.7125

■ 36.3939, 34.5108,
61.8703

■ 20.1839, 14.8536,
58.9304

■ 43.9821, 43.8272,
63.2686

■ 16.7689, 10.8068,
58.3293

■ 52.7499, 54.6399,
64.8935

■ 14.2345, 7.8627,
57.8946

■ 62.7448, 67.0108,
66.7546

■ 12.4990, 5.9119,
57.6095

■ 74.0116, 80.9981,
68.8606

■ 11.4649, 4.8223,
57.4537

■ 86.4641, 96.3999,
71.1771

■ 11.1347, 4.4811,
57.4053

■ 87.8992, 97.1397,
71.2442

Harmonies

Analogous

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



24.8544, 26.6237, 65.7438



29.9341, 26.6237, 60.6879



34.2102, 26.6237, 46.4107

Triad

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



29.9341, 26.6237, 60.6879



30.8210, 26.6237, 11.5420



16.9213, 26.6237, 27.7096

Complementary

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



29.9341, 26.6237, 60.6879



49.1157, 56.8854, 30.5826

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.



18.0972, 26.6237, 16.5844



29.9341, 26.6237, 60.6879



25.7611, 26.6237, 9.3650

Square

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



29.9341, 26.6237, 60.6879



34.7675, 26.6237, 18.1830



21.1796, 26.6237, 10.8535



17.7371, 26.6237, 43.4005

Rectangle

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



29.9341, 26.6237, 60.6879



35.7991, 26.6237, 35.4328



21.1796, 26.6237, 10.8535



17.0928, 26.6237, 23.3774

Sweetspot

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



29.9350, 26.6247, 60.6885



79.3747, 80.6339, 105.9881



40.7858, 49.7731, 64.5847



16.5534, 16.7214, 22.6050



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.



29.9350, 26.6247, 60.6885



42.5193, 35.5316, 99.2250



36.8360, 30.1823, 61.0115



10.6882, 10.8886, 14.1087



7.0412, 2.8374, 36.1328



0.3944, 0.1624, 1.8655

Inverse Universe

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



43.4830, 33.6905, 57.6375



68.4409, 49.0591, 93.0096



40.8463, 52.6224, 30.1956



11.6451, 11.3868, 13.9315



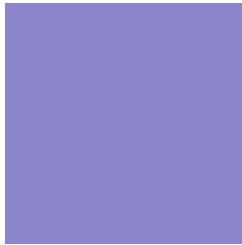
21.3199, 10.3386, 30.4670



1.1122, 0.5383, 1.6367

Previews

White Background



This preview shows how the XYZ color 29.9341, 26.6237, 60.6879 looks on a white background.

Color Contrast Check

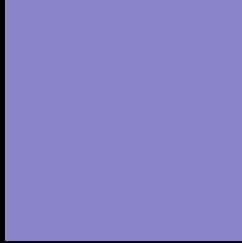
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9341, 26.6237, 60.6879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

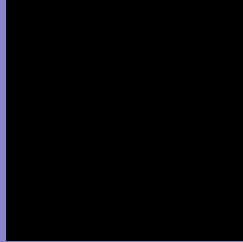
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.9341, 26.6237, 60.6879

Background



This preview shows how black text looks on a background with the XYZ color 29.9341, 26.6237, 60.6879.



This preview shows how white text looks on a background with the XYZ color 29.9341, 26.6237,

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

29.9341, 26.6237, 60.6879

Protanopia

28.0774, 26.8506, 64.0244

Deuteranopia

27.4937, 26.8499, 60.2334



Tritanopia

24.7085, 26.6451, 34.4126

Trichromacy



Original Color

29.9341, 26.6237, 60.6879

Protanomaly

28.6656, 26.7563, 62.6851

Deuteranomaly

28.1826, 26.5631, 60.1417

Tritanomaly

26.3519, 26.4303, 42.7424

Monochromacy



Original Color

29.9341, 26.6237, 60.6879

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.1795, 26.9326, 39.3633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9341, 26.6237, 60.6879 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(139, 133, 204)` looks like.

```
.text, #text, p{  
    color:rgb(139, 133, 204)  
}
```

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(139, 133, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 133, 204) }
```

Border

The CSS property to change the border of an element to XYZ 29.9341, 26.6237, 60.6879 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(139, 133, 204) }
```


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

```
.border{ border-color:rgb(139, 133, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 133, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 133, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 133, 204);  
box-shadow:4px 4px 4px 4px rgb(139, 133,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9341, 26.6237, 60.6879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 133, 204) }
```

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

```
.background{ background-color: rgb(139,  
133, 204) }
```

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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