

Converting Colors

XYZ(34.9066, 30.1214, 61.0081)

Have a look what the booklet for
XYZ(34.9066, 30.1214, 61.0081)
contains.

XYZ(34.9490, 30.0375, 61.0825)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.9490, 30.0375,
61.0825)**

Conversions

Conversions Part 1

Format	Color
Hex	A389CC
RGB	163, 137, 204
RGB Percent	64%, 54%, 80%
CMY	0.3608, 0.4627, 0.2000
CMYK	0.20, 0.33, 0.00, 0.20
HSL	263°, 40%, 67%
HSV	263°, 33%, 80%
XYZ	34.9490, 30.0375, 61.0825
YIQ	152.4120, -6.0110, 26.3490

Conversions

Conversions Part 2

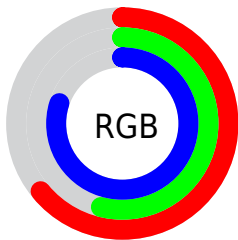
Format	Color
RYB	163, 137, 204
Decimal	10717644
CIELab	61.69, 23.35, -31.01
CIELCh	62, 38.817, 306.985
Yxy	30.0375, 0.2772, 0.2383
Android (android.graphics.Color)	4288907724 (0xFFA389CC)
YUV	152.4120, 25.4329, 9.2857
Hunter-Lab	54.8065, 17.9146, -27.7149

Details

The XYZ color **34.9490, 30.0375, 61.0825** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.4692, 54.4575, 31.8358**, and the grayscale version is **29.9192, 31.4773, 34.2788**.

A 20% lighter version of the original color is **65.8942, 59.5417, 102.6274**, and **15.3436, 12.3334, 30.4260** is the 20% darker color. If you saturate the color by 10%, you get **29.8877, 23.5233, 60.0924**, and if you desaturate by 10%, it is **40.8130, 37.7807, 62.2685**.

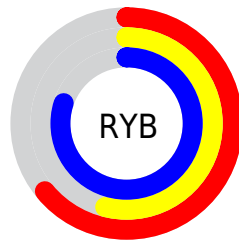
Distribution



Red (64%)

Green (54%)

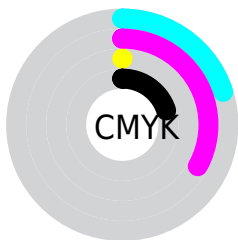
Blue (80%)



Red (64%)

Yellow (54%)

Blue (80%)

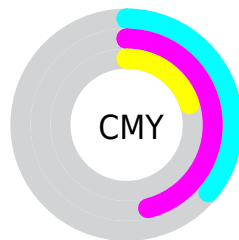


Cyan (20%)

Magenta (33%)

Yellow (0%)

Black (20%)



Cyan (36%)

Magenta (46%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.9490, 30.0375, 61.0825 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 34.9490, 30.0375, 61.0825 by changing the saturation by 10% instead.

■ 34.9490, 30.0375,
61.0825

■ 34.9490, 30.0375,
61.0825

315.8551,
302.0792, 446.4914

■ 23.7899, 19.8671,
43.8608

■ 66.7413, 59.7215,
107.9571

■ 15.3017, 12.2984,
30.2247

■ 88.1052, 80.0038,
138.4470

■ 9.1191, 6.9473,
19.7557

■ 113.6015,
104.4255, 174.1967

■ 4.8767, 3.4291,
12.0353

143.5954,
133.3711, 215.6248

■ 2.2091, 1.3597,
6.6449

178.4524,
167.2248, 263.1497

■ 0.7475, 0.1867,
3.1660

218.5378,

■ 0.0000, 0.0000,

206.3712, 317.1901

1.1800

264.2169,
251.1945, 378.1645

■ 0.0000, 0.0000,
0.0000

■ 34.9490, 30.0375,
61.0825

■ 34.9490, 30.0375,
61.0825

■ 29.8877, 23.5233,
60.0924

■ 40.8130, 37.7807,
62.2685

■ 25.5876, 18.1688,
59.2855

■ 47.5120, 46.8098,
63.6582

■ 22.0082, 13.9030,
58.6508

■ 55.0805, 57.1828,
65.2615

■ 19.1033, 10.6457,
58.1752

■ 63.5497, 68.9529,
67.0870

■ 16.8206, 8.3046,
57.8436

■ 72.9494, 82.1701,
69.1428

■ 15.0984, 6.7698,
57.6381

■ 81.8869, 94.0402,
70.9629

■ 14.1373, 6.0290,
57.5458

■ 86.2227, 96.2754,
71.1658

■ 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.



29.7742, 30.0375, 69.8259



34.9490, 30.0375, 61.0825



38.6976, 30.0375, 45.1299

Triad

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



34.9490, 30.0375, 61.0825



32.6101, 30.0375, 12.8947



19.7854, 30.0375, 36.2869

Complementary

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



34.9490, 30.0375, 61.0825



44.4692, 54.4575, 31.8358

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.



20.3519, 30.0375, 22.8007



34.9490, 30.0375, 61.0825



27.3593, 30.0375, 11.8224

Square

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



34.9490, 30.0375, 61.0825



37.2376, 30.0375, 18.4085



22.9836, 30.0375, 14.8447



21.3307, 30.0375, 52.9678

Rectangle

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



34.9490, 30.0375, 61.0825



39.6565, 30.0375, 34.2242



22.9836, 30.0375, 14.8447



19.7385, 30.0375, 31.2329

Sweetspot

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



34.9500, 30.0387, 61.0832



81.9381, 81.9554, 106.1081



37.2001, 41.6460, 63.2050



17.1696, 17.0391, 22.6339



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.



34.9500, 30.0387, 61.0832



52.1478, 42.3344, 100.0306



42.6583, 34.0125, 61.4439



11.0066, 11.0527, 14.1236



8.9953, 3.8448, 36.2243



0.5484, 0.2418, 1.8727

Inverse Universe

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



41.8843, 33.9442, 46.4648



65.5006, 49.8652, 71.4151



37.7540, 50.9957, 31.5215



11.4959, 11.3271, 13.1461



18.0436, 9.0280, 13.2141



0.9673, 0.4803, 0.8739

Previews

White Background



This preview shows how the XYZ color 34.9490, 30.0375, 61.0825 looks on a white background.

Color Contrast Check

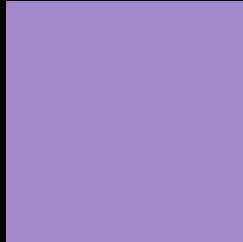
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.9490, 30.0375, 61.0825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

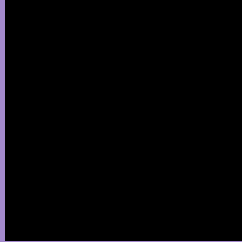
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.9490, 30.0375, 61.0825

Background



This preview shows how black text looks on a background with the XYZ color 34.9490, 30.0375, 61.0825.



This preview shows how white text looks on a background with the XYZ color 34.9490, 30.0375,

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

34.9490, 30.0375, 61.0825

Protanopia

31.3706, 30.2880, 66.4801

Deuteranopia

30.9259, 30.2000, 60.0763



Tritanopia

29.9680, 29.9950, 36.5579

Trichromacy



Original Color

34.9490, 30.0375, 61.0825

Protanomaly

32.3156, 29.9111, 64.3918

Deuteranomaly

32.2790, 29.9765, 60.5847

Tritanomaly

31.6609, 30.0092, 44.6811

Monochromacy



Original Color

34.9490, 30.0375, 61.0825

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.4947, 30.8756, 42.8277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9490, 30.0375, 61.0825 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(163, 137, 204)` looks like.

```
.text, #text, p{  
    color:rgb(163, 137, 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(163, 137, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 137, 204) }
```

Border

The CSS property to change the border of an element to XYZ 34.9490, 30.0375, 61.0825 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(163, 137, 204) }
```


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

```
.border{ border-color:rgb(163, 137, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 137, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 137, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 137, 204);  
box-shadow:4px 4px 4px 4px rgb(163, 137,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9490, 30.0375, 61.0825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 137, 204) }
```

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

```
.background{ background-color: rgb(163,  
137, 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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