

Converting Colors

XYZ(34.6521, 30.0348, 53.6693)

Have a look what the booklet for
XYZ(34.6521, 30.0348, 53.6693)
contains.

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Color

**XYZ(34.6085, 30.0219,
53.8399)**

Conversions

Conversions Part 1

Format	Color
Hex	A889C0
RGB	168, 137, 192
RGB Percent	66%, 54%, 75%
CMY	0.3412, 0.4627, 0.2471
CMYK	0.12, 0.29, 0.00, 0.25
HSL	274°, 30%, 65%
HSV	274°, 29%, 75%
XYZ	34.6085, 30.0219, 53.8399
YIQ	152.5390, 0.8210, 23.6770

Conversions

Conversions Part 2

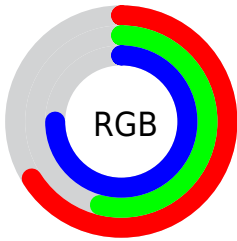
Format	Color
R_{YB}	168, 137, 192
Decimal	11045312
CIE _{Lab}	61.67, 22.24, -24.23
CIE _{LCh}	62, 32.894, 312.547
Yxy	30.0219, 0.2921, 0.2534
Android (android.graphics.Color)	4289235392 (0xFFA889C0)
YUV	152.5390, 19.4543, 13.5593
Hunter-Lab	54.7922, 16.8598, -19.9049

Details

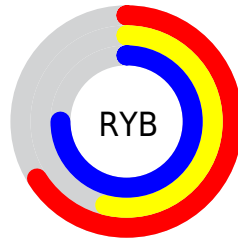
The XYZ color **34.6085, 30.0219, 53.8399** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.0639, 47.0832, 30.7501**, and the grayscale version is **29.9970, 31.5592, 34.3680**.

A 20% lighter version of the original color is **66.4702, 59.9485, 97.6904**, and **15.0659, 12.2962, 25.6241** is the 20% darker color. If you saturate the color by 10%, you get **30.3918, 24.1513, 52.9295**, and if you desaturate by 10%, it is **39.4277, 36.9256, 54.9189**.

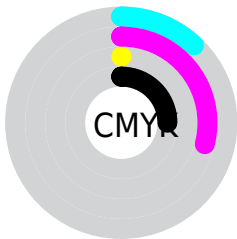
Distribution



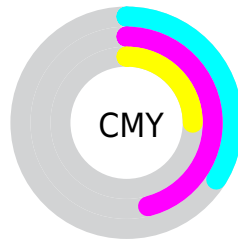
- Red (66%)
- Green (54%)
- Blue (75%)



- Red (66%)
- Yellow (54%)
- Blue (75%)



- Cyan (12%)
- Magenta (29%)
- Yellow (0%)
- Black (25%)



- Cyan (34%)
- Magenta (46%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6085, 30.0219, 53.8399 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 34.6085, 30.0219, 53.8399 by changing the saturation by 10% instead.

■ 34.6085, 30.0219,
53.8399

■ 34.6085, 30.0219,
53.8399

314.3753,
302.0065, 418.6566

■ 23.5266, 19.8552,
38.0814

■ 66.2169, 59.6968,
97.2932

■ 15.1056, 12.2898,
25.7435

■ 87.4740, 79.9738,
125.8250

■ 8.9803, 6.9414,
16.4078

■ 112.8535,
104.3897, 159.4516

■ 4.7854, 3.4255,
9.6557

142.7209,
133.3289, 198.5917

■ 2.1553, 1.3577,
5.0687

177.4414,
167.1758, 243.6637

■ 0.7190, 0.1852,
2.2282

217.3803,

■ 0.0000, 0.0000,

206.3148, 295.0861

0.6906

262.9032,
251.1302, 353.2776

■ 0.0000, 0.0000,
0.0000

■ 34.6085, 30.0219,
53.8399

■ 34.6085, 30.0219,
53.8399

■ 30.3918, 24.1513,
52.9295

■ 39.4277, 36.9256,
54.9189

■ 26.7469, 19.2573,
52.1769

■ 44.8725, 44.9074,
56.1726

■ 23.6443, 15.2839,
51.5735

■ 50.9682, 54.0142,
57.6091

■ 21.0505, 12.1674,
51.1087

■ 57.7376, 64.2888,
59.2355

■ 18.9279, 9.8359,
50.7705

■ 65.2026, 75.7719,
61.0585

■ 17.2325, 8.2049,
50.5451

■ 73.3838, 88.5022,
63.0845

■ 15.8930, 7.1360,
50.4094

■ 76.8428, 91.5999,
63.5001

■ 15.7253, 7.0076,
50.3934

■ 79.5449, 92.9928,
63.6266

■ 82.3773, 94.4530,
63.7591

Harmonies

Analogous

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



30.4014, 30.0219, 62.2894



34.6085, 30.0219, 53.8399



37.3341, 30.0219, 40.4585

Triad

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



34.6085, 30.0219, 53.8399



31.1326, 30.0219, 14.6736



21.0872, 30.0219, 38.2059

Complementary

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



34.6085, 30.0219, 53.8399



38.0639, 47.0832, 30.7501

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.



21.2398, 30.0219, 25.9834



34.6085, 30.0219, 53.8399



26.7465, 30.0219, 14.3630

Square

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



34.6085, 30.0219, 53.8399



35.1907, 30.0219, 18.9561



23.2170, 30.0219, 17.9603



22.7762, 30.0219, 51.8321

Rectangle

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



34.6085, 30.0219, 53.8399



37.7891, 30.0219, 31.6299



23.2170, 30.0219, 17.9603



20.9302, 30.0219, 33.7710

Sweetspot

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



34.6095, 30.0232, 53.8406



80.7850, 80.5983, 101.6595



32.7084, 34.8780, 54.8778



17.0066, 16.8117, 21.7339



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.6095, 30.0232, 53.8406



58.0722, 47.9020, 96.5456



39.8972, 32.7839, 52.5122



10.0593, 10.0217, 12.6890



10.6720, 4.7621, 33.9133



0.5391, 0.2459, 1.4689

Inverse Universe

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



37.1179, 31.6722, 37.8765



63.4937, 51.4568, 62.4695



33.8824, 44.9045, 31.5974



10.2516, 10.1493, 11.4157



15.7362, 7.9843, 6.5231



0.7145, 0.3588, 0.4638

Previews

White Background



This preview shows how the XYZ color 34.6085, 30.0219, 53.8399 looks on a white background.

Color Contrast Check

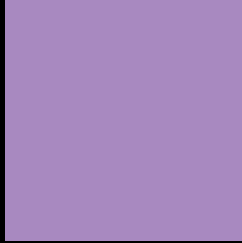
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.6085, 30.0219, 53.8399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

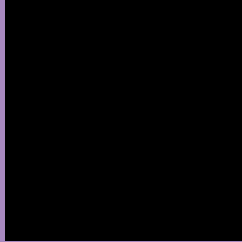
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.6085, 30.0219, 53.8399

Background



This preview shows how black text looks on a background with the XYZ color 34.6085, 30.0219, 53.8399.



This preview shows how white text looks on a background with the XYZ color 34.6085, 30.0219,

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

34.6085, 30.0219, 53.8399

Protanopia

30.6906, 30.1059, 58.8370

Deuteranopia

30.7285, 30.0263, 52.8913



Tritanopia

30.7899, 29.9945, 35.1770

Trichromacy



Original Color

34.6085, 30.0219, 53.8399

Protanomaly

31.7546, 29.7871, 56.8992

Deuteranomaly

31.9889, 29.9858, 53.3921

Tritanomaly

31.9026, 29.7694, 41.1104

Monochromacy



Original Color

34.6085, 30.0219, 53.8399

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.5093, 30.9266, 40.8679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6085, 30.0219, 53.8399 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(168, 137, 192)` looks like.

```
.text, #text, p{  
    color:rgb(168, 137, 192)  
}
```

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(168, 137, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 137, 192) }
```

Border

The CSS property to change the border of an element to XYZ 34.6085, 30.0219, 53.8399 is called "border". The border property can be set on classes, ids or directly on the HTML element.

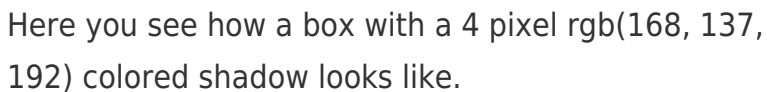
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 137, 192) }
```


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

```
.border{ border-color:rgb(168, 137, 192) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 137, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 137, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 137, 192); box-shadow:4px 4px 4px 4px rgb(168, 137, 192) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6085, 30.0219, 53.8399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 137, 192) }
```

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

```
.background{ background-color: rgb(168,  
137, 192) }
```

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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