

Converting Colors

XYZ(34.5425, 30.0231, 43.8204)

Have a look what the booklet for
XYZ(34.5425, 30.0231, 43.8204)
contains.

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Color

**XYZ(34.5756, 30.0114,
44.0149)**

Conversions

Conversions Part 1

Format	Color
Hex	B188AE
RGB	177, 136, 174
RGB Percent	69%, 53%, 68%
CMY	0.3059, 0.4667, 0.3176
CMYK	0.00, 0.23, 0.02, 0.31
HSL	304°, 21%, 61%
HSV	304°, 23%, 69%
XYZ	34.5756, 30.0114, 44.0149
YIQ	152.5910, 12.2380, 20.5100

Conversions

Conversions Part 2

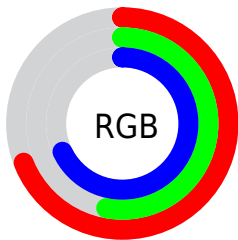
Format	Color
R_{YB}	177, 136, 174
Decimal	11634862
CIE _{Lab}	61.66, 22.17, -13.98
CIE _{LCh}	62, 26.207, 327.770
Yxy	30.0114, 0.3184, 0.2763
Android (android.graphics.Color)	4289824942 (0xFFB188AE)
YUV	152.5910, 10.5546, 21.4067
Hunter-Lab	54.7827, 16.7891, -9.2884

Details

The XYZ color **34.5756, 30.0114, 44.0149** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **30.5369, 38.5435, 30.2579**, and the grayscale version is **30.0533, 31.6185, 34.4325**.

A 20% lighter version of the original color is **66.3007, 59.8637, 82.9233**, and **15.1528, 12.3458, 19.9967** is the 20% darker color. If you saturate the color by 10%, you get **32.1604, 25.3815, 42.5901**, and if you desaturate by 10%, it is **37.4055, 35.4677, 45.5846**.

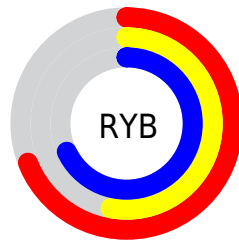
Distribution



Red (69%)

Green (53%)

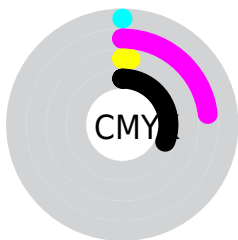
Blue (68%)



Red (69%)

Yellow (53%)

Blue (68%)

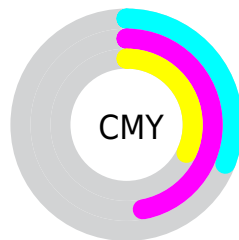


Cyan (0%)

Magenta (23%)

Yellow (2%)

Black (31%)



Cyan (31%)


Magenta (47%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.5756, 30.0114, 44.0149 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 34.5756, 30.0114, 44.0149 by changing the saturation by 10% instead.


 34.5756, 30.0114,
44.0149


 34.5756, 30.0114,
44.0149


314.2320,
301.9576, 378.8122


 23.5011, 19.8472,
30.3449


 66.1661, 59.6802,
82.5429

 15.0867, 12.2841,
19.8463


 87.4129, 79.9536,
108.2380

 8.9670, 6.9374,
12.1004


 112.7812,
104.3656, 138.7785

 4.7766, 3.4230,
6.6887

142.6363,
133.3006, 174.5831

 2.1502, 1.3564,
3.1927

177.3435,
167.1428, 216.0702

 0.7163, 0.1842,
1.1939

217.2683,

 0.0000, 0.0000,

206.2768, 263.6584

0.0000

262.7760,
251.0869, 317.7662

■ 34.5756, 30.0114,
44.0149

■ 34.5756, 30.0114,
44.0149

■ 32.1604, 25.3815,
42.5901

■ 37.4055, 35.4677,
45.5846

■ 30.1369, 21.5338,
41.3015

■ 40.6662, 41.7841,
47.3036

■ 28.4842, 18.4257,
40.1425

■ 44.3763, 48.9971,
49.1784

■ 27.1782, 16.0091,
39.1051

■ 48.5523, 57.1402,
51.2147

■ 26.1921, 14.2302,
38.1802

■ 53.2101, 66.2449,
53.4175

■ 25.4950, 13.0275,
37.3575

■ 58.3648, 76.3414,
55.7921

■ 25.0500, 12.3269,
36.6248

■ 62.4460, 84.2890,
57.8150

■ 24.8369, 12.0293,
36.1576

■ 62.5816, 84.3432,
58.5288

■ 62.7184, 84.3979,
59.2491

Harmonies

Analogous

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



31.7616, 30.0114, 52.7635



34.5756, 30.0114, 44.0149



35.7565, 30.0114, 33.4295

Triad

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



34.5756, 30.0114, 44.0149



28.7864, 30.0114, 17.0104



22.9983, 30.0114, 42.4568

Complementary

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



34.5756, 30.0114, 44.0149



30.5369, 38.5435, 30.2579

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.



22.3407, 30.0114, 31.9365



34.5756, 30.0114, 44.0149



25.5160, 30.0114, 18.4709

Square

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



34.5756, 30.0114, 44.0149



32.2490, 30.0114, 18.9860



23.2249, 30.0114, 23.4758



25.0992, 30.0114, 51.7428

Rectangle

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



34.5756, 30.0114, 44.0149



35.3921, 30.0114, 27.1644



23.2249, 30.0114, 23.4758



22.6090, 30.0114, 38.8898

Sweetspot

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



34.5765, 30.0127, 44.0155



70.4254, 70.1675, 83.4670



27.3443, 26.2502, 45.2212



15.1889, 15.0643, 18.0501



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



34.5765, 30.0127, 44.0155



59.5343, 49.1625, 77.4409



32.7500, 29.2821, 34.3972



8.8227, 8.6358, 10.5645



18.0046, 8.7194, 26.2480



0.5744, 0.2775, 0.8676

Inverse Universe

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



34.5765, 30.0127, 44.0155



59.5343, 49.1625, 77.4409



32.1548, 39.1907, 38.7780



8.8227, 8.6358, 10.5645



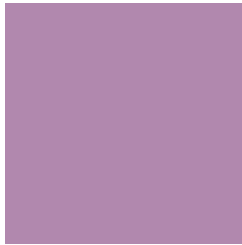
18.0046, 8.7194, 26.2480



0.5744, 0.2775, 0.8676

Previews

White Background



This preview shows how the XYZ color 34.5756, 30.0114, 44.0149 looks on a white background.

Color Contrast Check

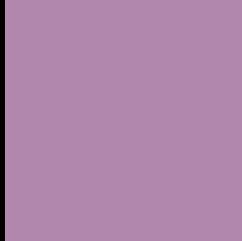
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.5756, 30.0114, 44.0149 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 34.5756, 30.0114, 44.0149

Background



This preview shows how black text looks on a background with the XYZ color 34.5756, 30.0114, 44.0149.



This preview shows how white text looks on a background with the XYZ color 34.5756, 30.0114,

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

34.5756, 30.0114, 44.0149

Protanopia

30.0179, 30.2199, 48.5069

Deuteranopia

30.7087, 30.0017, 43.2021



Tritanopia

32.4196, 29.9892, 33.3580

Trichromacy



Original Color

34.5756, 30.0114, 44.0149

Protanomaly

31.4364, 30.0712, 46.7953

Deuteranomaly

32.1161, 30.0445, 43.6416

Tritanomaly

33.1698, 30.0824, 36.8591

Monochromacy



Original Color

34.5756, 30.0114, 44.0149

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.7670, 31.1220, 38.0511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5756, 30.0114, 44.0149 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(177, 136, 174)` looks like.

```
.text, #text, p{  
    color:rgb(177, 136, 174)  
}
```

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(177, 136, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 136, 174) }
```

Border

The CSS property to change the border of an element to XYZ 34.5756, 30.0114, 44.0149 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(177, 136, 174) }
```


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

```
.border{ border-color:rgb(177, 136, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 136, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 136, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 136, 174);  
box-shadow:4px 4px 4px 4px rgb(177, 136,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5756, 30.0114, 44.0149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 136, 174) }
```

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

```
.background{ background-color: rgb(177,  
136, 174) }
```

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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