

Converting Colors

XYZ(34.7056, 30.3181, 45.0717)

Have a look what the booklet for
XYZ(34.7056, 30.3181, 45.0717)
contains.

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Color

**XYZ(34.6866, 30.2560,
45.0861)**

Conversions

Conversions Part 1

Format	Color
Hex	B089B0
RGB	176, 137, 176
RGB Percent	69%, 54%, 69%
CMY	0.3098, 0.4627, 0.3098
CMYK	0.00, 0.22, 0.00, 0.31
HSL	300°, 20%, 61%
HSV	300°, 22%, 69%
XYZ	34.6866, 30.2560, 45.0861
YIQ	153.1070, 10.7250, 20.3970

Conversions

Conversions Part 2

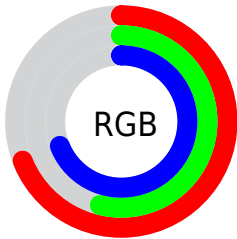
Format	Color
RYB	176, 137, 176
Decimal	11569584
CIELab	61.87, 21.64, -14.80
CIELCh	62, 26.222, 325.628
Yxy	30.2560, 0.3153, 0.2750
Android (android.graphics.Color)	4289759664 (0xFFB089B0)
YUV	153.1070, 11.2862, 20.0772
Hunter-Lab	55.0055, 16.3031, -10.0942

Details

The XYZ color **34.6866, 30.2560, 45.0861** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **30.3584, 38.1761, 29.4372**, and the grayscale version is **30.2747, 31.8514, 34.6861**.

A 20% lighter version of the original color is **66.4750, 60.2436, 84.4685**, and **15.1517, 12.4574, 20.3448** is the 20% darker color. If you saturate the color by 10%, you get **32.3863, 25.6549, 44.3196**, and if you desaturate by 10%, it is **37.3969, 35.6760, 45.9899**.

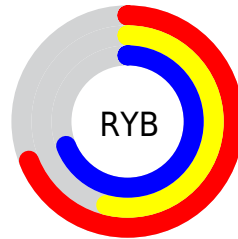
Distribution



Red (69%)

Green (54%)

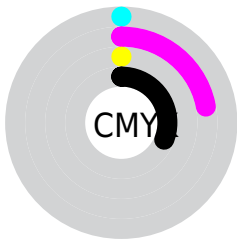
Blue (69%)



Red (69%)

Yellow (54%)

Blue (69%)

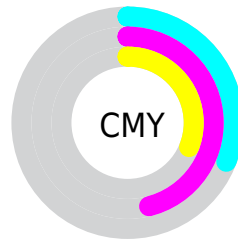


Cyan (0%)

Magenta (22%)

Yellow (0%)

Black (31%)



Cyan (31%)


Magenta (46%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.6866, 30.2560, 45.0861 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 34.6866, 30.2560, 45.0861 by changing the saturation by 10% instead.


 34.6866, 30.2560,
45.0861


 34.6866, 30.2560,
45.0861


314.7151,
303.0959, 383.2924


 23.5869, 20.0330,
31.1818


 66.3372, 60.0668,
84.1694

 15.1506, 12.4190,
20.4777


 87.6189, 80.4234,
110.1855

 9.0121, 7.0297,
12.5553


 113.0252,
104.9266, 141.0760

 4.8063, 3.4807,
6.9959

142.9217,
133.9608, 177.2593

 2.1676, 1.3875,
3.3811

177.6735,
167.9104, 219.1541

 0.7256, 0.2075,
1.2924

217.6461,

 0.0000, 0.0000,

207.1599, 267.1789

0.0555

263.2049,
252.0936, 321.7521

■ 0.0000, 0.0000,
0.0000

■ 34.6866, 30.2560,
45.0861

■ 34.6866, 30.2560,
45.0861

■ 32.3863, 25.6549,
44.3196

■ 37.3969, 35.6760,
45.9899

■ 30.4734, 21.8291,
43.6819

■ 40.5327, 41.9477,
47.0352

■ 28.9274, 18.7372,
43.1666

■ 44.1124, 49.1071,
48.2285

■ 27.7249, 16.3322,
42.7657

■ 48.1523, 57.1868,
49.5752

■ 26.8397, 14.5618,
42.4706

■ 52.6678, 66.2178,
51.0804

■ 26.2418, 13.3660,
42.2712

■ 57.6738, 76.2297,
52.7491

■ 25.8956, 12.6736,
42.1558

■ 61.5014, 83.8849,
54.0250

■ 25.7412, 12.3648,
42.1043

■ 61.5014, 83.8849,
54.0251

■ 61.5014, 83.8849,
54.0251

Harmonies

Analogous

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



31.7721, 30.2560, 53.5905



34.6866, 30.2560, 45.0861



36.0144, 30.2560, 34.4369

Triad

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



34.6866, 30.2560, 45.0861



29.2742, 30.2560, 17.2026



23.0989, 30.2560, 42.0173

Complementary

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



34.6866, 30.2560, 45.0861



30.3584, 38.1761, 29.4372

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.



22.5473, 30.2560, 31.4942



34.6866, 30.2560, 45.0861



25.9397, 30.2560, 18.4255

Square

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



34.6866, 30.2560, 45.0861



32.7326, 30.2560, 19.4424



23.5456, 30.2560, 23.2041



25.1179, 30.2560, 51.5812

Rectangle

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



34.6866, 30.2560, 45.0861



35.7483, 30.2560, 28.0126



23.5456, 30.2560, 23.2041



22.7431, 30.2560, 38.4218

Sweetspot

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



34.6875, 30.2573, 45.0867



70.5895, 70.2331, 84.3311



27.1000, 26.3458, 44.7318



15.2274, 15.0796, 18.2524



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.



34.6875, 30.2573, 45.0867



60.6026, 50.2594, 81.0020



32.8944, 29.5401, 35.6441



8.8501, 8.6467, 10.7089



18.8866, 9.0722, 30.8923



0.5943, 0.2854, 0.9720

Inverse Universe

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



34.6875, 30.2573, 45.0867



60.6026, 50.2594, 81.0020



31.8861, 38.7872, 37.4822



8.8501, 8.6467, 10.7089



18.8866, 9.0722, 30.8923



0.5943, 0.2854, 0.9720

Previews

White Background



This preview shows how the XYZ color 34.6866, 30.2560, 45.0861 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 34.6866, 30.2560, 45.0861 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 34.6866, 30.2560, 45.0861

Background



This preview shows how black text looks on a background with the XYZ color 34.6866, 30.2560, 45.0861.



This preview shows how white text looks on a background with the XYZ color 34.6866, 30.2560,

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

34.6866, 30.2560, 45.0861

Protanopia

30.3970, 30.3913, 49.6114

Deuteranopia

30.8678, 30.2892, 44.2639



Tritanopia

32.4260, 30.2010, 33.8261

Trichromacy



Original Color

34.6866, 30.2560, 45.0861

Protanomaly

31.6402, 30.1527, 47.8685

Deuteranomaly

32.2583, 30.3171, 44.7090

Tritanomaly

33.2667, 30.3280, 37.8188

Monochromacy



Original Color

34.6866, 30.2560, 45.0861

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.5647, 31.0177, 38.0416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6866, 30.2560, 45.0861 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(176, 137, 176)` looks like.

```
.text, #text, p{  
    color:rgb(176, 137, 176)  
}
```

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(176, 137, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 137, 176) }
```

Border

The CSS property to change the border of an element to XYZ 34.6866, 30.2560, 45.0861 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(176, 137, 176) }
```


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

```
.border{ border-color:rgb(176, 137, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 137, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 137, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 137, 176);  
box-shadow:4px 4px 4px 4px rgb(176, 137,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6866, 30.2560, 45.0861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 137, 176) }
```

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

```
.background{ background-color: rgb(176,  
137, 176) }
```

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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