

Converting Colors

XYZ(35.2845, 30.6094, 41.7063)

Have a look what the booklet for
XYZ(35.2845, 30.6094, 41.7063)
contains.

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Color

**XYZ(35.3985, 30.7010,
41.5963)**

Conversions

Conversions Part 1

Format	Color
Hex	B689A9
RGB	182, 137, 169
RGB Percent	71%, 54%, 66%
CMY	0.2863, 0.4627, 0.3373
CMYK	0.00, 0.25, 0.07, 0.29
HSL	317°, 24%, 63%
HSV	317°, 25%, 71%
XYZ	35.3985, 30.7010, 41.5963
YIQ	154.1030, 16.5480, 19.4920

Conversions

Conversions Part 2

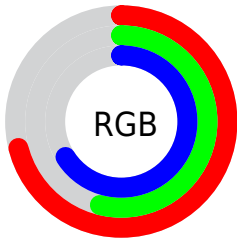
Format	Color
R_{YB}	182, 137, 169
Decimal	11962793
CIE _{Lab}	62.25, 22.43, -10.20
CIE _{LCh}	62, 24.643, 335.552
Yxy	30.7010, 0.3287, 0.2851
Android (android.graphics.Color)	4290152873 (0xFFB689A9)
YUV	154.1030, 7.3442, 24.4657
Hunter-Lab	55.4085, 17.0724, -5.7243

Details

The XYZ color **35.3985, 30.7010, 41.5963** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **32.5508, 40.9771, 35.0498**, and the grayscale version is **30.7248, 32.3249, 35.2018**.

A 20% lighter version of the original color is **67.3452, 60.8206, 78.7111**, and **15.5212, 12.6899, 18.4610** is the 20% darker color. If you saturate the color by 10%, you get **32.5428, 25.7634, 38.2579**, and if you desaturate by 10%, it is **38.7123, 36.5221, 45.1861**.

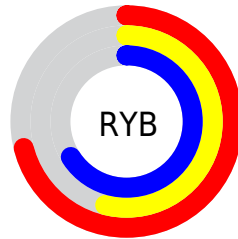
Distribution



Red (71%)

Green (54%)

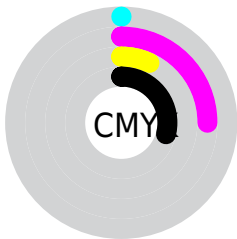
Blue (66%)



Red (71%)

Yellow (54%)

Blue (66%)

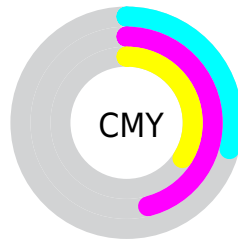


Cyan (0%)

Magenta (25%)

Yellow (7%)

Black (29%)



Cyan (29%)


Magenta (46%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3985, 30.7010, 41.5963 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 35.3985, 30.7010, 41.5963 by changing the saturation by 10% instead.


 35.3985, 30.7010,
41.5963


 35.3985, 30.7010,
41.5963


317.8011,
305.1585, 368.5569

 24.1380, 20.3713,
28.4621


 67.4326, 60.7690,
78.8518

 15.5613, 12.6652,
18.4322


 88.9369, 81.2761,
103.8101

 9.3031, 7.1984,
11.0881


 114.5865,
105.9444, 133.5469

 4.9981, 3.5865,
6.0112

144.7467,
135.1584, 168.4807

 2.2809, 1.4451,
2.7830

179.7829,
169.3024, 209.0301

 0.7849, 0.2496,
0.9849

220.0605,

 0.0000, 0.0000,

208.7608, 255.6136

0.0000

265.9447,
253.9180, 308.6496

■ 35.3985, 30.7010,
41.5963

■ 35.3985, 30.7010,
41.5963

■ 32.5428, 25.7634,
38.2579

■ 38.7123, 36.5221,
45.1861

■ 30.1203, 21.6612,
35.1603

■ 42.5020, 43.2634,
49.0332

■ 28.1080, 18.3483,
32.2952

■ 46.7878, 50.9644,
53.1459

■ 26.4793, 15.7721,
29.6524

■ 51.5880, 59.6612,
57.5313

■ 25.2047, 13.8739,
27.2210

■ 56.9197, 69.3880,
62.1962

■ 24.2501, 12.5856,
24.9882

■ 62.7995, 80.1774,
67.1472

■ 23.5740, 11.8249,
22.9392

■ 66.1689, 85.9121,
71.3658

■ 23.2820, 11.5413,
21.9157

■ 66.8178, 86.1717,
74.7829

■ 67.4883, 86.4399,
78.3137

Harmonies

Analogous

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



33.0594, 30.7010, 50.6547



35.3985, 30.7010, 41.5963



36.0202, 30.7010, 31.6870

Triad

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



35.3985, 30.7010, 41.5963



28.5659, 30.7010, 18.3106



24.2801, 30.7010, 45.2496

Complementary

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



35.3985, 30.7010, 41.5963



32.5508, 40.9771, 35.0498

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.



23.2663, 30.7010, 35.2319



35.3985, 30.7010, 41.5963



25.6173, 30.7010, 20.6306

Square

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



35.3985, 30.7010, 41.5963



31.9082, 30.7010, 19.3724



23.7367, 30.7010, 26.4061



26.6127, 30.7010, 53.0290

Rectangle

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



35.3985, 30.7010, 41.5963



35.3393, 30.7010, 26.1335



23.7367, 30.7010, 26.4061



23.7822, 30.7010, 41.9677

Sweetspot

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



35.3994, 30.7024, 41.5969



75.3286, 75.3520, 87.1819



29.9222, 27.7307, 48.0319



16.5448, 16.4771, 19.1627



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



35.3994, 30.7024, 41.5969



61.0841, 50.2933, 71.8582



33.4850, 29.9366, 31.5160



9.2673, 9.1173, 10.7551



16.4712, 8.1622, 15.6339



0.6060, 0.2979, 0.6849

Inverse Universe

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



35.3994, 30.7024, 41.5969



61.0841, 50.2933, 71.8582



34.5160, 41.7632, 45.3985



9.2673, 9.1173, 10.7551



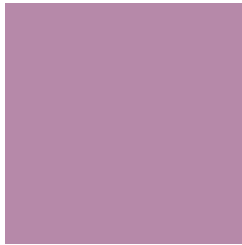
16.4712, 8.1622, 15.6339



0.6060, 0.2979, 0.6849

Previews

White Background



This preview shows how the XYZ color 35.3985, 30.7010, 41.5963 looks on a white background.

Color Contrast Check

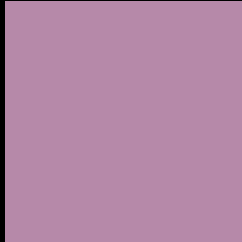
Large Text (above 18pt) WCAG AA × Fail

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 35.3985, 30.7010, 41.5963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

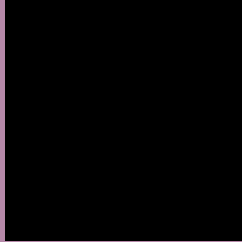
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.3985, 30.7010, 41.5963

Background



This preview shows how black text looks on a background with the XYZ color 35.3985, 30.7010, 41.5963.



This preview shows how white text looks on a background with the XYZ color 35.3985, 30.7010,

41.5963.

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

35.3985, 30.7010, 41.5963

Protanopia

30.3603, 30.6890, 45.9184

Deuteranopia

31.5093, 30.9266, 40.8679



Tritanopia

33.7864, 30.6938, 33.4219

Trichromacy



Original Color

35.3985, 30.7010, 41.5963

Protanomaly

31.8659, 30.5759, 44.2666

Deuteranomaly

32.8267, 30.6876, 41.2389

Tritanomaly

34.4602, 30.7576, 36.4683

Monochromacy



Original Color

35.3985, 30.7010, 41.5963

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

32.1578, 31.5755, 37.2007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3985, 30.7010, 41.5963 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(182, 137, 169)` looks like.

```
.text, #text, p{  
    color:rgb(182, 137, 169)  
}
```

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(182, 137, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 137, 169) }
```

Border

The CSS property to change the border of an element to XYZ 35.3985, 30.7010, 41.5963 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(182, 137, 169) }
```


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

```
.border{ border-color:rgb(182, 137, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 137, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 137, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 137, 169);  
box-shadow:4px 4px 4px 4px rgb(182, 137,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3985, 30.7010, 41.5963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 137, 169) }
```

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

```
.background{ background-color: rgb(182,  
137, 169) }
```

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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