

Converting Colors

XYZ(32.5826, 28.1497, 36.1237)

Have a look what the booklet for
XYZ(32.5826, 28.1497, 36.1237)
contains.

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Color

**XYZ(32.6480, 28.1662,
36.0636)**

Conversions

Conversions Part 1

Format	Color
Hex	B2839E
RGB	178, 131, 158
RGB Percent	70%, 51%, 62%
CMY	0.3020, 0.4863, 0.3804
CMYK	0.00, 0.26, 0.11, 0.30
HSL	326°, 23%, 61%
HSV	326°, 26%, 70%
XYZ	32.6480, 28.1662, 36.0636
YIQ	148.1310, 19.3450, 18.3610

Conversions

Conversions Part 2

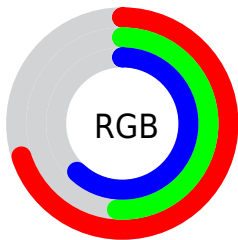
Format	Color
R_{YB}	178, 131, 158
Decimal	11699102
CIE _{Lab}	60.04, 22.42, -7.28
CIE _{LCh}	60, 23.567, 342.015
Yxy	28.1662, 0.3370, 0.2907
Android (android.graphics.Color)	4289889182 (0xFFB2839E)
YUV	148.1310, 4.8654, 26.1951
Hunter-Lab	53.0718, 16.9314, -3.1387

Details

The XYZ color **32.6480, 28.1662, 36.0636** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **30.8676, 38.9014, 35.1619**, and the grayscale version is **28.1783, 29.6458, 32.2843**.

A 20% lighter version of the original color is **63.0824, 56.5775, 70.5465**, and **14.0537, 11.3064, 15.3516** is the 20% darker color. If you saturate the color by 10%, you get **29.8276, 23.5367, 32.0051**, and if you desaturate by 10%, it is **35.9209, 33.6357, 40.4719**.

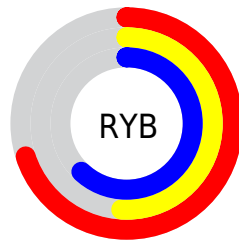
Distribution



Red (70%)

Green (51%)

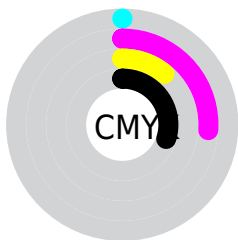
Blue (62%)



Red (70%)

Yellow (51%)

Blue (62%)

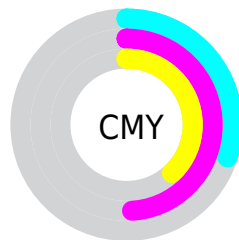


Cyan (0%)

Magenta (26%)

Yellow (11%)

Black (30%)



Cyan (30%)


Magenta (49%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6480, 28.1662, 36.0636 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 32.6480, 28.1662, 36.0636 by changing the saturation by 10% instead.


 32.6480, 28.1662,
36.0636


 32.6480, 28.1662,
36.0636


305.7537,
293.2602, 344.2843


 22.0149, 18.4510,
24.1932


 63.1839, 56.7497,
70.3004

 13.9845, 11.2743,
15.2635


 83.8175, 76.3867,
93.5039

 8.1915, 6.2516,
8.8559


 108.5152,
100.0998, 121.3221

 4.2706, 2.9987,
4.5518

137.6424,
128.2734, 154.1737

 1.8563, 1.1310,
1.9327

171.5645,
161.2919, 192.4772

 0.5513, 0.0043,
0.5134

210.6469,

 0.0000, 0.0000,

199.5395, 236.6511

0.0000

255.2548,
243.4009, 287.1139

■ 32.6480, 28.1662,
36.0636

■ 32.6480, 28.1662,
36.0636

■ 29.8276, 23.5367,
32.0051

■ 35.9209, 33.6357,
40.4719

■ 27.4356, 19.7011,
28.2840

■ 39.6641, 39.9808,
45.2384

■ 25.4493, 16.6148,
24.8891

■ 43.8974, 47.2393,
50.3733

■ 23.8425, 14.2269,
21.8082

■ 48.6385, 55.4461,
55.8860

■ 22.5862, 12.4804,
19.0277

■ 53.9045, 64.6339,
61.7853

■ 21.6465, 11.3089,
16.5322

■ 59.7115, 74.8339,
68.0797

■ 20.9784, 10.6235,
14.3027

■ 65.8816, 85.6896,
74.7129

■ 20.7710, 10.4294,
13.5538

■ 66.8541, 86.0786,
79.8345

■ 67.8721, 86.4858,
85.1950

Harmonies

Analogous

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



30.8254, 28.1662, 44.6702



32.6480, 28.1662, 36.0636



32.8260, 28.1662, 27.3527

Triad

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



32.6480, 28.1662, 36.0636



25.5869, 28.1662, 17.1693



22.7057, 28.1662, 43.1232

Complementary

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



32.6480, 28.1662, 36.0636



30.8676, 38.9014, 35.1619

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.



21.5107, 28.1662, 34.2414



32.6480, 28.1662, 36.0636



23.0889, 28.1662, 19.9484

Square

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



32.6480, 28.1662, 36.0636



28.5941, 28.1662, 17.4739



21.6455, 28.1662, 25.8397



25.0273, 28.1662, 49.2416

Rectangle

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



32.6480, 28.1662, 36.0636



31.9723, 28.1662, 22.7094



21.6455, 28.1662, 25.8397



22.1670, 28.1662, 40.2981

Sweetspot

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



32.6488, 28.1675, 36.0642



70.6865, 70.3875, 80.4881



28.8387, 25.9879, 45.6162



15.4281, 15.1991, 17.5399



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



32.6488, 28.1675, 36.0642



55.9646, 45.7388, 60.7980



30.8448, 27.4459, 26.5642



8.6941, 8.5844, 9.8875



14.8937, 7.4750, 9.8661



0.4971, 0.2466, 0.4603

Inverse Universe

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



32.6488, 28.1675, 36.0642



55.9646, 45.7388, 60.7980



32.9296, 39.7261, 46.0200



8.6941, 8.5844, 9.8875



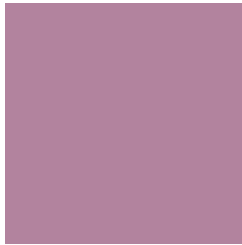
14.8937, 7.4750, 9.8661



0.4971, 0.2466, 0.4603

Previews

White Background



This preview shows how the XYZ color 32.6480, 28.1662, 36.0636 looks on a white background.

Color Contrast Check

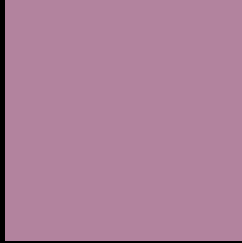
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.6480, 28.1662, 36.0636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

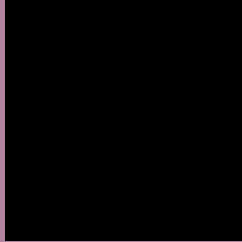
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.6480, 28.1662, 36.0636

Background



This preview shows how black text looks on a background with the XYZ color 32.6480, 28.1662, 36.0636.



This preview shows how white text looks on a background with the XYZ color 32.6480, 28.1662,

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

32.6480, 28.1662, 36.0636

Protanopia

27.8407, 28.3624, 40.0835

Deuteranopia

28.8521, 28.3201, 35.3981



Tritanopia

31.3261, 28.0188, 30.1427

Trichromacy



Original Color

32.6480, 28.1662, 36.0636

Protanomaly

29.1699, 27.9796, 38.5135

Deuteranomaly

30.1357, 28.1122, 35.7362

Tritanomaly

31.8075, 28.0196, 32.1656

Monochromacy



Original Color

32.6480, 28.1662, 36.0636

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.6386, 28.9839, 33.7381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6480, 28.1662, 36.0636 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(178, 131, 158)` looks like.

```
.text, #text, p{  
    color:rgb(178, 131, 158)  
}
```

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(178, 131, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 131, 158) }
```

Border

The CSS property to change the border of an element to XYZ 32.6480, 28.1662, 36.0636 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(178, 131, 158) }
```


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

```
.border{ border-color:rgb(178, 131, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 131, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 131, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 131, 158);  
box-shadow:4px 4px 4px 4px rgb(178, 131,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6480, 28.1662, 36.0636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 131, 158) }
```

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

```
.background{ background-color: rgb(178,  
131, 158) }
```

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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