

Converting Colors

XYZ(32.5853, 27.9336, 35.2527)

Have a look what the booklet for
XYZ(32.5853, 27.9336, 35.2527)
contains.

XYZ(32.5738, 27.9493, 35.1304)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.5738, 27.9493,
35.1304)**

Conversions

Conversions Part 1

Format	Color
Hex	B3829C
RGB	179, 130, 156
RGB Percent	70%, 51%, 61%
CMY	0.2980, 0.4902, 0.3882
CMYK	0.00, 0.27, 0.13, 0.30
HSL	328°, 24%, 61%
HSV	328°, 27%, 70%
XYZ	32.5738, 27.9493, 35.1304
YIQ	147.6150, 20.8580, 18.4740

Conversions

Conversions Part 2

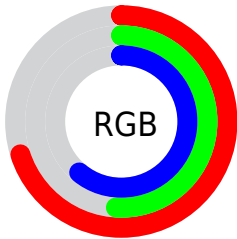
Format	Color
RYB	179, 130, 156
Decimal	11764380
CIELab	59.84, 22.99, -6.41
CIELCh	60, 23.870, 344.422
Yxy	27.9493, 0.3405, 0.2922
Android (android.graphics.Color)	4289954460 (0xFFB3829C)
YUV	147.6150, 4.1338, 27.5246
Hunter-Lab	52.8671, 17.4645, -2.3915

Details

The XYZ color **32.5738, 27.9493, 35.1304** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **31.0770, 39.2867, 36.0840**, and the grayscale version is **27.9661, 29.4225, 32.0411**.

A 20% lighter version of the original color is **62.8273, 56.1823, 68.5057**, and **13.8759, 11.1172, 14.7791** is the 20% darker color. If you saturate the color by 10%, you get **29.7098, 23.3206, 30.7859**, and if you desaturate by 10%, it is **35.9029, 33.4286, 39.8734**.

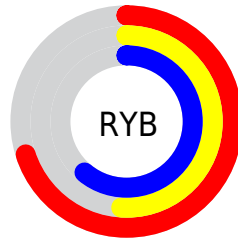
Distribution



Red (70%)

Green (51%)

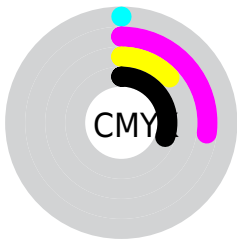
Blue (61%)



Red (70%)

Yellow (51%)

Blue (61%)

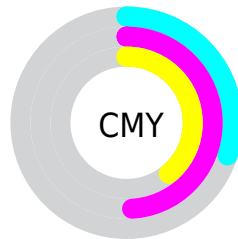


Cyan (0%)

Magenta (27%)

Yellow (13%)

Black (30%)



Cyan (30%)


Magenta (49%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5738, 27.9493, 35.1304 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 32.5738, 27.9493, 35.1304 by changing the saturation by 10% instead.


 32.5738, 27.9493,
35.1304


 32.5738, 27.9493,
35.1304


305.4239,
292.2246, 340.0653


 21.9578, 18.2874,
23.4790


 63.0687, 56.4035,
68.8416

 13.9423, 11.1566,
14.7390


 83.6783, 75.9646,
91.7384

 8.1620, 6.1722,
8.4918


 108.3499, 99.5943,
119.2209

 4.2515, 2.9501,
4.3190

137.4487,
127.6769, 151.7074

 1.8454, 1.1057,
1.8019

171.3402,
160.5968, 189.6165

 0.5448, 0.0000,
0.4292

210.3896,

 0.0000, 0.0000,

198.7385, 233.3669

0.0000

254.9624,
242.4863, 283.3769

■ 32.5738, 27.9493,
35.1304

■ 32.5738, 27.9493,
35.1304

■ 29.7098, 23.3206,
30.7859

■ 35.9029, 33.4286,
39.8734

■ 27.2860, 19.4954,
26.8259

■ 39.7154, 39.7949,
45.0248

■ 25.2787, 16.4278,
23.2377

■ 44.0317, 47.0870,
50.5965

■ 23.6612, 14.0656,
20.0072

■ 48.8703, 55.3403,
56.5989

■ 22.4030, 12.3502,
17.1189

■ 54.2487, 64.5885,
63.0423

■ 21.4691, 11.2130,
14.5555

■ 60.1834, 74.8634,
69.9365

■ 20.8078, 10.5524,
12.2939

■ 66.5931, 86.0008,
77.2585

■ 20.6549, 10.4095,
11.7409

■ 67.6998, 86.4435,
83.0863

■ 68.8628, 86.9087,
89.2105

Harmonies

Analogous

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



30.8497, 27.9493, 43.9536



32.5738, 27.9493, 35.1304



32.6086, 27.9493, 26.4671

Triad

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



32.5738, 27.9493, 35.1304



25.1418, 27.9493, 16.9771



22.6219, 27.9493, 43.6508

Complementary

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



32.5738, 27.9493, 35.1304



31.0770, 39.2867, 36.0840

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.



21.3184, 27.9493, 34.7744



32.5738, 27.9493, 35.1304



22.6966, 27.9493, 20.0139

Square

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



32.5738, 27.9493, 35.1304



28.1585, 27.9493, 17.0361



21.3446, 27.9493, 26.1724



25.0327, 27.9493, 49.4735

Rectangle

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



32.5738, 27.9493, 35.1304



31.6600, 27.9493, 21.9499



21.3446, 27.9493, 26.1724



22.0482, 27.9493, 40.8584

Sweetspot

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



32.5746, 27.9506, 35.1310



70.5762, 70.3434, 79.9074



29.2322, 25.9808, 46.1223



15.3995, 15.1876, 17.3889



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.



32.5746, 27.9506, 35.1310



55.0708, 44.7550, 58.0223



30.7139, 27.2063, 25.3326



8.6785, 8.5781, 9.8053



14.6288, 7.3691, 8.4711



0.4895, 0.2435, 0.4201

Inverse Universe

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



32.5746, 27.9506, 35.1310



55.0708, 44.7550, 58.0223



33.2993, 40.1757, 47.7869



8.6785, 8.5781, 9.8053



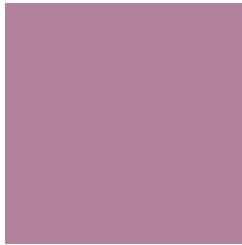
14.6288, 7.3691, 8.4711



0.4895, 0.2435, 0.4201

Previews

White Background



This preview shows how the XYZ color 32.5738, 27.9493, 35.1304 looks on a white background.

Color Contrast Check

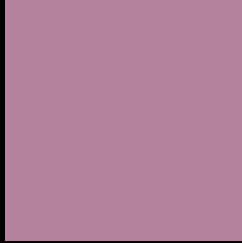
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.5738, 27.9493, 35.1304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

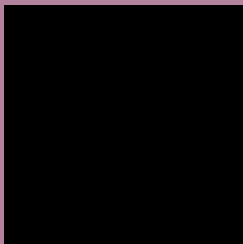
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.5738, 27.9493, 35.1304

Background



This preview shows how black text looks on a background with the XYZ color 32.5738, 27.9493, 35.1304.



This preview shows how white text looks on a background with the XYZ color 32.5738, 27.9493,

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

32.5738, 27.9493, 35.1304

Protanopia

27.5078, 27.9880, 39.0744

Deuteranopia

28.5372, 27.9593, 34.4645



Tritanopia

31.3407, 27.8328, 29.7070

Trichromacy



Original Color

32.5738, 27.9493, 35.1304

Protanomaly

29.0391, 27.7187, 37.5379

Deuteranomaly

29.8248, 27.7614, 34.7969

Tritanomaly

31.8217, 27.8357, 31.7126

Monochromacy



Original Color

32.5738, 27.9493, 35.1304

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.4089, 28.6550, 33.2591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5738, 27.9493, 35.1304 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(179, 130, 156)` looks like.

```
.text, #text, p{  
    color:rgb(179, 130, 156)  
}
```

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(179, 130, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 130, 156) }
```

Border

The CSS property to change the border of an element to XYZ 32.5738, 27.9493, 35.1304 is called "border". The border property can be set on classes, ids or directly on the HTML element.

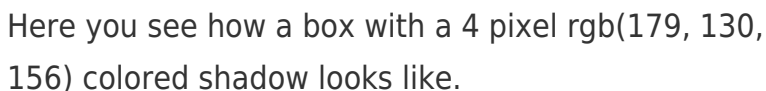
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 130, 156) }
```


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

```
.border{ border-color:rgb(179, 130, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 130, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 130, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 130, 156); box-shadow:4px 4px 4px 4px rgb(179, 130, 156) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5738, 27.9493, 35.1304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 130, 156) }
```

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

```
.background{ background-color: rgb(179,  
130, 156) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor