

Converting Colors

XYZ(32.2087, 25.4562, 32.1970)

Have a look what the booklet for
XYZ(32.2087, 25.4562, 32.1970)
contains.

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Color

**XYZ(32.1160, 25.3637,
32.0571)**

Conversions

Conversions Part 1

Format	Color
Hex	BA7596
RGB	186, 117, 150
RGB Percent	73%, 46%, 59%
CMY	0.2706, 0.5412, 0.4118
CMYK	0.00, 0.37, 0.19, 0.27
HSL	331°, 33%, 59%
HSV	331°, 37%, 73%
XYZ	32.1160, 25.3637, 32.0571
YIQ	141.3930, 30.5310, 24.8910

Conversions

Conversions Part 2

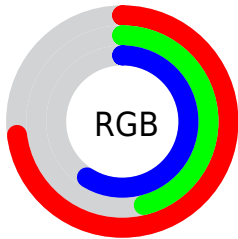
Format	Color
RYB	186, 117, 150
Decimal	12219798
CIELab	57.43, 31.75, -6.45
CIElCh	57, 32.404, 348.517
Yxy	25.3637, 0.3587, 0.2833
Android (android.graphics.Color)	4290409878 (0xFFBA7596)
YUV	141.3930, 4.2433, 39.1203
Hunter-Lab	50.3624, 25.6949, -2.4861

Details

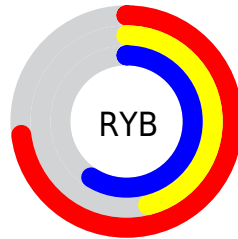
The XYZ color **32.1160, 25.3637, 32.0571** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **30.6459, 41.2003, 36.4762**, and the grayscale version is **25.4478, 26.7731, 29.1559**.

A 20% lighter version of the original color is **62.2360, 52.1638, 63.9152**, and **13.6194, 9.7405, 12.9667** is the 20% darker color. If you saturate the color by 10%, you get **29.4109, 21.1527, 27.4582**, and if you desaturate by 10%, it is **35.3179, 30.4641, 37.1415**.

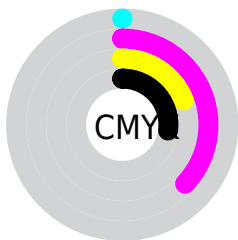
Distribution



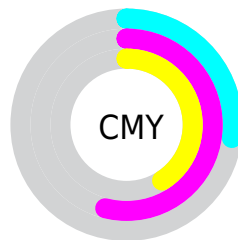
- Red (73%)
- Green (46%)
- Blue (59%)



- Red (73%)
- Yellow (46%)
- Blue (59%)



- Cyan (0%)
- Magenta (37%)
- Yellow (19%)
- Black (27%)





- Cyan (27%)
- Magenta (54%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1160, 25.3637, 32.0571 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 32.1160, 25.3637, 32.0571 by changing the saturation by 10% instead.


 32.1160, 25.3637,
32.0571


 32.1160, 25.3637,
32.0571


303.3832,
279.6444, 325.8800


 21.6061, 16.3482,
21.1399


 62.3569, 52.2466,
63.9995

 13.6827, 9.7709,
13.0341


 82.8185, 70.8829,
85.8619

 7.9806, 5.2473,
7.3210


 107.3282, 93.4949,
112.2097

 4.1342, 2.3931,
3.5822

136.2511,
120.4670, 143.4616

 1.7783, 0.8223,
1.3991

169.9527,
152.1836, 180.0360

 0.5046, 0.0000,
0.1410

208.7984,

 0.0000, 0.0000,

189.0291, 222.3515

0.0000

253.1534,
231.3879, 270.8267

■ 32.1160, 25.3637,
32.0571

■ 32.1160, 25.3637,
32.0571

■ 29.4109, 21.1527,
27.4582

■ 35.3179, 30.4641,
37.1415

■ 27.1732, 17.7755,
23.3264

■ 39.0393, 36.4981,
42.7257

■ 25.3737, 15.1762,
19.6444


■ 43.3044, 43.5109,
48.8251

■ 23.9786, 13.2900,
16.3926


■ 48.1349, 51.5440,
55.4540

■ 22.9489, 12.0416,
13.5493


■ 53.5514, 60.6363,
62.6258


 22.2302, 11.3252,
11.0871

 59.5735, 70.8249,
70.3539

 22.0509, 11.1596,
10.4322

 66.2197, 82.1448,
78.6506

 69.9635, 87.5406,
86.3467

 71.3464, 88.0938,
93.6288

Harmonies

Analogous

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



30.0908, 25.3637, 44.1794



32.1160, 25.3637, 32.0571



31.8322, 25.3637, 21.4148

Triad

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



32.1160, 25.3637, 32.0571



21.8315, 25.3637, 11.9943



19.5279, 25.3637, 46.7438

Complementary

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



32.1160, 25.3637, 32.0571



30.6459, 41.2003, 36.4762

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.



17.7459, 25.3637, 34.9136



32.1160, 25.3637, 32.0571



18.9750, 25.3637, 15.8171

Square

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



32.1160, 25.3637, 32.0571



25.6117, 25.3637, 11.6123



17.5549, 25.3637, 23.6066



22.6632, 25.3637, 54.0463

Rectangle

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



32.1160, 25.3637, 32.0571



30.3773, 25.3637, 16.4041



17.5549, 25.3637, 23.6066



18.7657, 25.3637, 43.0392

Sweetspot

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



32.1167, 25.3649, 32.0576



75.2097, 73.4505, 83.8644



28.2962, 23.0074, 49.4041



16.3301, 15.7929, 18.1364



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



32.1167, 25.3649, 32.0576



53.9201, 39.2801, 50.8443



29.9577, 24.7170, 20.0230



9.1787, 9.0818, 10.2882



14.8725, 7.5228, 7.2156



0.5556, 0.2777, 0.4193

Inverse Universe

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



32.1167, 25.3649, 32.0576



53.9201, 39.2801, 50.8443



33.5174, 41.9629, 52.7877



9.1787, 9.0818, 10.2882



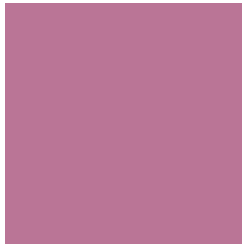
14.8725, 7.5228, 7.2156



0.5556, 0.2777, 0.4193

Previews

White Background



This preview shows how the XYZ color 32.1160, 25.3637, 32.0571 looks on a white background.

Color Contrast Check

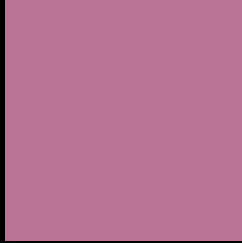
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.1160, 25.3637, 32.0571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

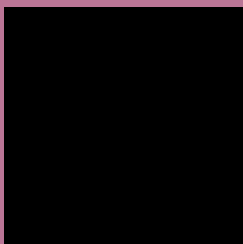
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.1160, 25.3637, 32.0571

Background



This preview shows how black text looks on a background with the XYZ color 32.1160, 25.3637, 32.0571.



This preview shows how white text looks on a background with the XYZ color 32.1160, 25.3637,

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

32.1160, 25.3637, 32.0571

Protanopia

25.2294, 25.5222, 38.2469

Deuteranopia

26.0043, 25.4527, 31.1460



Tritanopia

30.6338, 25.4768, 24.4220

Trichromacy



Original Color

32.1160, 25.3637, 32.0571

Protanomaly

27.1031, 25.1093, 35.7658

Deuteranomaly

27.9648, 25.2578, 31.4183

Tritanomaly

31.2394, 25.5534, 26.9527

Monochromacy



Original Color

32.1160, 25.3637, 32.0571

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.1899, 25.6842, 29.9100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1160, 25.3637, 32.0571 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(186, 117, 150)` looks like.

```
.text, #text, p{  
    color:rgb(186, 117, 150)  
}
```

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(186, 117, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 117, 150) }
```

Border

The CSS property to change the border of an element to XYZ 32.1160, 25.3637, 32.0571 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(186, 117, 150) }
```


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

```
.border{ border-color:rgb(186, 117, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 117, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 117, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 117, 150);  
box-shadow:4px 4px 4px 4px rgb(186, 117,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1160, 25.3637, 32.0571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 117, 150) }
```

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

```
.background{ background-color: rgb(186,  
117, 150) }
```

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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