

Converting Colors

XYZ(32.0723, 27.2097, 34.7122)

Have a look what the booklet for
XYZ(32.0723, 27.2097, 34.7122)
contains.

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Color

**XYZ(32.2260, 27.3886,
34.5984)**

Conversions

Conversions Part 1

Format	Color
Hex	B3809B
RGB	179, 128, 155
RGB Percent	70%, 50%, 61%
CMY	0.2980, 0.4980, 0.3922
CMYK	0.00, 0.28, 0.13, 0.30
HSL	328°, 25%, 60%
HSV	328°, 28%, 70%
XYZ	32.2260, 27.3886, 34.5984
YIQ	146.3270, 21.7290, 19.2090

Conversions

Conversions Part 2

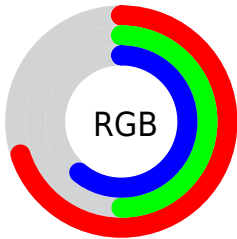
Format	Color
RYB	179, 128, 155
Decimal	11763867
CIELab	59.33, 23.94, -6.59
CIELCh	59, 24.836, 344.602
Yxy	27.3886, 0.3421, 0.2907
Android (android.graphics.Color)	4289953947 (0xFFB3809B)
YUV	146.3270, 4.2758, 28.6542
Hunter-Lab	52.3341, 18.3310, -2.5631

Details

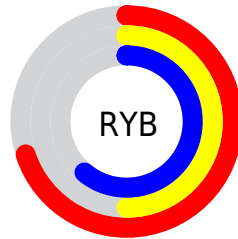
The XYZ color **32.2260, 27.3886, 34.5984** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **30.6908, 39.0972, 35.6365**, and the grayscale version is **27.4332, 28.8619, 31.4306**.

A 20% lighter version of the original color is **62.2934, 55.3134, 67.7149**, and **13.6805, 10.8082, 14.4619** is the 20% darker color. If you saturate the color by 10%, you get **29.4111, 22.8515, 30.2906**, and if you desaturate by 10%, it is **35.5038, 32.7717, 39.3046**.

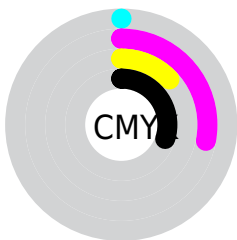
Distribution



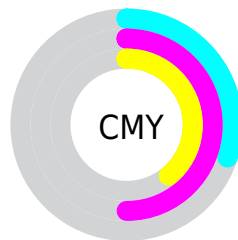
- Red (70%)
- Green (50%)
- Blue (61%)



- Red (70%)
- Yellow (50%)
- Blue (61%)



- Cyan (0%)
- Magenta (28%)
- Yellow (13%)
- Black (30%)





- Cyan (30%)
- Magenta (50%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.2260, 27.3886, 34.5984 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 32.2260, 27.3886, 34.5984 by changing the saturation by 10% instead.


 32.2260, 27.3886,
34.5984


 32.2260, 27.3886,
34.5984


303.8745,
289.5338, 337.6424

 21.6906, 17.8653,
23.0726


 62.5280, 55.5068,
68.0077

 13.7450, 10.8533,
14.4413


 83.0253, 74.8705,
90.7282

 8.0241, 5.9683,
8.2860


 107.5739, 98.2831,
118.0174

 4.1623, 2.8258,
4.1881

136.5393,
126.1291, 150.2938

 1.7943, 1.0415,
1.7291

170.2866,
158.7927, 187.9760

 0.5143, 0.0000,
0.3806

209.1814,

 0.0000, 0.0000,

196.6584, 231.4824

0.0000

253.5889,
240.1106, 281.2317

■ 32.2260, 27.3886,
34.5984

■ 32.2260, 27.3886,
34.5984

■ 29.4111, 22.8515,
30.2906

■ 35.5038, 32.7717,
39.3046

■ 27.0340, 19.1129,
26.3671

■ 39.2630, 39.0375,
44.4194

■ 25.0708, 16.1265,
22.8150

■ 43.5242, 46.2252,
49.9545

■ 23.4943, 13.8394,
19.6202

■ 48.3059, 54.3704,
55.9206

■ 22.2738, 12.1920,
16.7668

■ 53.6257, 63.5069,
62.3280

■ 21.3735, 11.1145,
14.2373

■ 59.5004, 73.6667,
69.1866

■ 20.7327, 10.4876,
12.0056

■ 65.9459, 84.8805,
76.5059

■ 20.6453, 10.4057,
11.6897

■ 67.5883, 86.3989,
82.4987

■ 68.7487, 86.8630,
88.6094

Harmonies

Analogous

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



30.4556, 27.3886, 43.7353



32.2260, 27.3886, 34.5984



32.2508, 27.3886, 25.7134

Triad

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



32.2260, 27.3886, 34.5984



24.5550, 27.3886, 16.1413



22.0065, 27.3886, 43.5187

Complementary

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



32.2260, 27.3886, 34.5984



30.6908, 39.0972, 35.6365

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.



20.6690, 27.3886, 34.3455



32.2260, 27.3886, 34.5984



22.0590, 27.3886, 19.2243

Square

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



32.2260, 27.3886, 34.5984



27.6505, 27.3886, 16.1823



20.6874, 27.3886, 25.5059



24.4780, 27.3886, 49.5418

Rectangle

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



32.2260, 27.3886, 34.5984



31.2648, 27.3886, 21.1236



20.6874, 27.3886, 25.5059



21.4184, 27.3886, 40.6291

Sweetspot

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



32.2268, 27.3898, 34.5990



69.8449, 69.1208, 78.9233



28.7685, 25.3505, 46.0252



15.2487, 14.9362, 17.1840



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.



32.2268, 27.3898, 34.5990



54.5525, 43.9333, 57.1868



30.3198, 26.6270, 24.5566



8.6780, 8.5779, 9.8030



14.6219, 7.3663, 8.4348



0.4892, 0.2434, 0.4191

Inverse Universe

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



32.2268, 27.3898, 34.5990



54.5525, 43.9333, 57.1868



32.9888, 40.0164, 47.7377



8.6780, 8.5779, 9.8030



14.6219, 7.3663, 8.4348



0.4892, 0.2434, 0.4191

Previews

White Background



This preview shows how the XYZ color 32.2260, 27.3886, 34.5984 looks on a white background.

Color Contrast Check

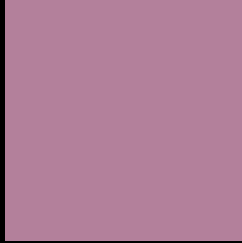
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.2260, 27.3886, 34.5984 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 32.2260, 27.3886, 34.5984

Background



This preview shows how black text looks on a background with the XYZ color 32.2260, 27.3886, 34.5984.



This preview shows how white text looks on a background with the XYZ color 32.2260, 27.3886,

34.5984.

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

32.2260, 27.3886, 34.5984

Protanopia

27.0213, 27.5153, 39.0088

Deuteranopia

28.1193, 27.5374, 33.9702



Tritanopia

31.0555, 27.5028, 28.8711

Trichromacy



Original Color

32.2260, 27.3886, 34.5984

Protanomaly

28.7051, 27.3346, 37.4814

Deuteranomaly

29.3970, 27.3424, 34.3001

Tritanomaly

31.5310, 27.5056, 30.8414

Monochromacy



Original Color

32.2260, 27.3886, 34.5984

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.7580, 27.9043, 32.3041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2260, 27.3886, 34.5984 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, 128, 155)` looks like.

```
.text, #text, p{  
    color:rgb(179, 128, 155)  
}
```

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, 128, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 128, 155) }
```

Border

The CSS property to change the border of an element to XYZ 32.2260, 27.3886, 34.5984 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, 128, 155) }
```


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

```
.border{ border-color:rgb(179, 128, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 128, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 128, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 128, 155);  
box-shadow:4px 4px 4px 4px rgb(179, 128,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2260, 27.3886, 34.5984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 128, 155) }
```

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

```
.background{ background-color: rgb(179,  
128, 155) }
```

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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