

Converting Colors

XYZ(32.2137, 28.6485, 39.1565)

Have a look what the booklet for
XYZ(32.2137, 28.6485, 39.1565)
contains.

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Color

**XYZ(32.1594, 28.6662,
38.9601)**

Conversions

Conversions Part 1

Format	Color
Hex	AB87A4
RGB	171, 135, 164
RGB Percent	67%, 53%, 64%
CMY	0.3294, 0.4706, 0.3569
CMYK	0.00, 0.21, 0.04, 0.33
HSL	312°, 18%, 60%
HSV	312°, 21%, 67%
XYZ	32.1594, 28.6662, 38.9601
YIQ	149.0700, 12.1470, 16.6510

Conversions

Conversions Part 2

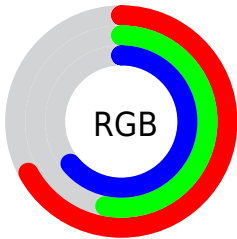
Format	Color
RYB	171, 135, 164
Decimal	11241380
CIELab	60.49, 18.73, -10.12
CIElCh	60, 21.288, 331.630
Yxy	28.6662, 0.3223, 0.2873
Android (android.graphics.Color)	4289431460 (0xFFAB87A4)
YUV	149.0700, 7.3605, 19.2326
Hunter-Lab	53.5408, 13.5199, -5.6650

Details

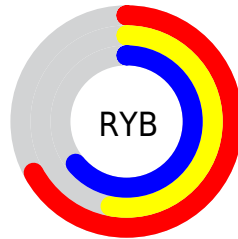
The XYZ color **32.1594, 28.6662, 38.9601** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **29.4382, 36.2306, 31.0344**, and the grayscale version is **28.5636, 30.0512, 32.7257**.

A 20% lighter version of the original color is **62.4480, 57.4118, 74.8081**, and **13.6443, 11.5184, 16.8334** is the 20% darker color. If you saturate the color by 10%, you get **29.6664, 24.1541, 36.6670**, and if you desaturate by 10%, it is **35.0452, 33.9504, 41.4235**.

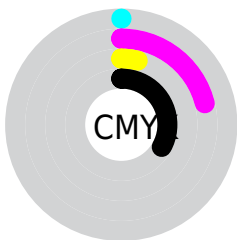
Distribution



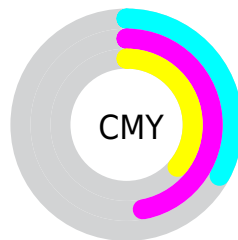
- Red (67%)
- Green (53%)
- Blue (64%)



- Red (67%)
- Yellow (53%)
- Blue (64%)



- Cyan (0%)
- Magenta (21%)
- Yellow (4%)
- Black (33%)





- Cyan (33%)
- Magenta (47%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1594, 28.6662, 38.9601 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 32.1594, 28.6662, 38.9601 by changing the saturation by 10% instead.


 32.1594, 28.6662,
38.9601


 32.1594, 28.6662,
38.9601


303.5771,
295.6367, 357.1417


 21.6394, 18.8285,
26.4211


 62.4244, 57.5463,
74.7970

 13.7073, 11.5464,
16.9103


 82.9001, 77.3575,
98.9320

 7.9977, 6.4356,
10.0093

 107.4252,
101.2619, 127.7695

 4.1453, 3.1117,
5.2994

136.3648,
129.6440, 161.7278

 1.7846, 1.1903,
2.3622

170.0845,
162.8881, 201.2257

 0.5084, 0.0538,
0.7658

208.9496,

 0.0000, 0.0000,

201.3787, 246.6816

0.0000

253.3253,
245.5001, 298.5141

■ 32.1594, 28.6662,
38.9601

■ 32.1594, 28.6662,
38.9601

■ 29.6664, 24.1541,
36.6670

■ 35.0452, 33.9504,
41.4235

■ 27.5452, 20.3736,
34.5360

■ 38.3383, 40.0370,
44.0615

■ 25.7770, 17.2867,
32.5607

■ 42.0556, 46.9593,
46.8801

■ 24.3400, 14.8500,
30.7338

■ 46.2124, 54.7476,
49.8848

■ 23.2102, 13.0154,
29.0468

■ 50.8229, 63.4306,
53.0807

■ 22.3600, 11.7280,
27.4903

■ 55.9012, 73.0358,
56.4726

■ 21.7571, 10.9232,
26.0531

■ 61.4602, 83.5896,
60.0653

■ 21.3640, 10.4857,
24.8469

■ 61.9152, 83.9222,
61.9973

■ 62.2845, 84.0699,
63.9416

Harmonies

Analogous

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



30.1092, 28.6662, 45.9332



32.1594, 28.6662, 38.9601



32.8702, 28.6662, 30.7845

Triad

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



32.1594, 28.6662, 38.9601



27.0965, 28.6662, 18.4098



22.9949, 28.6662, 39.8301

Complementary

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



32.1594, 28.6662, 38.9601



29.4382, 36.2306, 31.0344

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.



22.3037, 28.6662, 31.6447



32.1594, 28.6662, 38.9601



24.5710, 28.6662, 20.0301

Square

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



32.1594, 28.6662, 38.9601



29.8320, 28.6662, 19.7119



22.8611, 28.6662, 24.5670



24.8146, 28.6662, 46.4919

Rectangle

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



32.1594, 28.6662, 38.9601



32.4531, 28.6662, 25.9656



22.8611, 28.6662, 24.5670



22.6286, 28.6662, 37.1228

Sweetspot

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



32.1603, 28.6675, 38.9607



65.5864, 66.0092, 76.4827



27.1027, 25.9851, 42.1158



14.5440, 14.5688, 16.9901



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



32.1603, 28.6675, 38.9607



55.5510, 47.6258, 67.9353



30.6791, 28.0750, 31.1608



8.2693, 8.1210, 9.7289



16.1237, 7.9120, 18.8286



0.4654, 0.2269, 0.6126

Inverse Universe

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



32.1603, 28.6675, 38.9607



55.5510, 47.6258, 67.9353



30.8658, 36.8016, 38.5520



8.2693, 8.1210, 9.7289



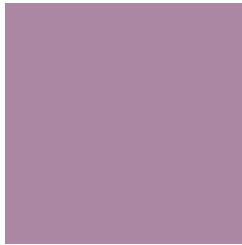
16.1237, 7.9120, 18.8286



0.4654, 0.2269, 0.6126

Previews

White Background



This preview shows how the XYZ color 32.1594, 28.6662, 38.9601 looks on a white background.

Color Contrast Check

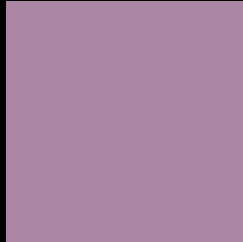
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.1594, 28.6662, 38.9601 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 32.1594, 28.6662, 38.9601

Background



This preview shows how black text looks on a background with the XYZ color 32.1594, 28.6662, 38.9601.



This preview shows how white text looks on a background with the XYZ color 32.1594, 28.6662,

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

32.1594, 28.6662, 38.9601

Protanopia

28.3656, 28.8158, 42.0972

Deuteranopia

29.4207, 28.7627, 38.6514



Tritanopia

30.7960, 28.7501, 31.9432

Trichromacy



Original Color

32.1594, 28.6662, 38.9601

Protanomaly

29.5417, 28.5523, 40.9999

Deuteranomaly

30.3407, 28.5832, 38.5683

Tritanomaly

31.3560, 28.7705, 34.4725

Monochromacy



Original Color

32.1594, 28.6662, 38.9601

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.7106, 29.4477, 34.6899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1594, 28.6662, 38.9601 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(171, 135, 164)` looks like.

```
.text, #text, p{  
    color:rgb(171, 135, 164)  
}
```

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(171, 135, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 135, 164) }
```

Border

The CSS property to change the border of an element to XYZ 32.1594, 28.6662, 38.9601 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(171, 135, 164) }
```


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

```
.border{ border-color:rgb(171, 135, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 135, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 135, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 135, 164);  
box-shadow:4px 4px 4px 4px rgb(171, 135,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1594, 28.6662, 38.9601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 135, 164) }
```

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

```
.background{ background-color: rgb(171,  
135, 164) }
```

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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