

Converting Colors

XYZ(32.7625, 19.5552, 45.9560)

Have a look what the booklet for
XYZ(32.7625, 19.5552, 45.9560)
contains.

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Color

**XYZ(32.7816, 19.5712,
45.7659)**

Conversions

Conversions Part 1

Format	Color
Hex	C14AB5
RGB	193, 74, 181
RGB Percent	76%, 29%, 71%
CMY	0.2431, 0.7098, 0.2902
CMYK	0.00, 0.62, 0.06, 0.24
HSL	306°, 49%, 52%
HSV	306°, 62%, 76%
XYZ	32.7816, 19.5712, 45.7659
YIQ	121.7790, 36.5770, 58.5050

Conversions

Conversions Part 2

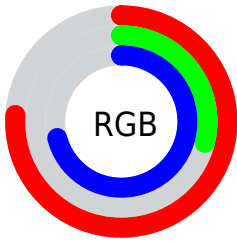
Format	Color
RYB	193, 74, 181
Decimal	12667573
CIELab	51.35, 60.35, -33.70
CIELCh	51, 69.118, 330.822
Yxy	19.5712, 0.3341, 0.1995
Android (android.graphics.Color)	4290857653 (0xFFC14AB5)
YUV	121.7790, 29.1960, 62.4608
Hunter-Lab	44.2393, 54.8506, -30.3684

Details

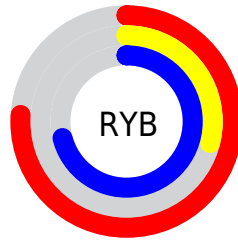
The XYZ color **32.7816, 19.5712, 45.7659** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **23.5746, 40.2685, 15.3355**, and the grayscale version is **18.3271, 19.2815, 20.9976**.

A 20% lighter version of the original color is **63.4136, 42.7751, 85.0349**, and **14.0496, 6.7928, 20.9927** is the 20% darker color. If you saturate the color by 10%, you get **31.4870, 17.2989, 44.3560**, and if you desaturate by 10%, it is **34.4755, 22.6368, 47.3230**.

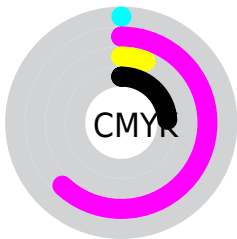
Distribution



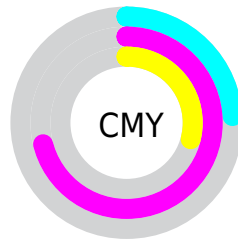
- Red (76%)
- Green (29%)
- Blue (71%)



- Red (76%)
- Yellow (29%)
- Blue (71%)



- Cyan (0%)
- Magenta (62%)
- Yellow (6%)
- Black (24%)





- Cyan (24%)
- Magenta (71%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7816, 19.5712, 45.7659 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 32.7816, 19.5712, 45.7659 by changing the saturation by 10% instead.

 32.7816, 19.5712,
45.7659


 32.7816, 19.5712,
45.7659

306.3469,
249.5842, 386.1169


 22.1176, 12.0837,
31.7138


 63.3914, 42.6971,
85.1991


 14.0604, 6.8007,
20.8800


 84.0679, 59.1043,
111.4173


 8.2447, 3.3378,
12.8459


 108.8126, 79.2536,
142.5280

 4.3050, 1.3105,
7.1930

 137.9909,
103.5292, 178.9496

 1.8761, 0.1493,
3.5029

 171.9681,
132.3158, 221.1008

 0.5629, 0.0000,
1.3568

211.1096,

 0.0000, 0.0000,

165.9975, 269.4000

0.1077

255.7807,
204.9589, 324.2659

■ 0.0000, 0.0000,
0.0000

■ 32.7816, 19.5712,
45.7659

■ 32.7816, 19.5712,
45.7659

■ 31.4870, 17.2989,
44.3560

■ 34.4755, 22.6368,
47.3230

■ 30.5522, 15.7423,
43.0795

■ 36.5995, 26.5584,
49.0372

■ 29.9332, 14.8128,
41.9220

■ 39.1836, 31.3956,
50.9185

■ 29.5875, 14.3756,
41.0235

■ 42.2545, 37.2020,
52.9761

■ 45.8369, 44.0270,
55.2182

■ 49.9540, 51.9166,
57.6525

■ 54.6272, 60.9139,
60.2863

■ 59.8770, 71.0599,
63.1265

■ 65.7228, 82.3933,
66.1795

Harmonies

Analogous

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



26.2740, 19.5712, 73.5387



32.7816, 19.5712, 45.7659



35.3014, 19.5712, 20.7685

Triad

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



32.7816, 19.5712, 45.7659



18.4119, 19.5712, 1.4138



9.3655, 19.5712, 47.3578

Complementary

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



32.7816, 19.5712, 45.7659



23.5746, 40.2685, 15.3355

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.



8.2281, 19.5712, 21.8602



32.7816, 19.5712, 45.7659



12.5907, 19.5712, 2.4892

Square

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



32.7816, 19.5712, 45.7659



25.8606, 19.5712, 2.3610



9.2454, 19.5712, 7.6207



12.8469, 19.5712, 74.7923

Rectangle

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



32.7816, 19.5712, 45.7659



33.9899, 19.5712, 10.4434



9.2454, 19.5712, 7.6207



8.7414, 19.5712, 37.9001

Sweetspot

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



32.7823, 19.5721, 45.7663



77.7372, 70.5437, 96.1966



15.9039, 10.7225, 51.6842



16.2914, 14.4006, 20.3911



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



32.7823, 19.5721, 45.7663



55.7365, 29.8668, 78.6140



27.9301, 17.6312, 20.2150



10.4521, 10.2294, 12.4713



19.6959, 9.5681, 27.3744



0.8639, 0.4186, 1.2507

Inverse Universe

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



32.7823, 19.5721, 45.7663



55.7365, 29.8668, 78.6140



27.0366, 41.6533, 33.5661



10.4521, 10.2294, 12.4713



19.6959, 9.5681, 27.3744



0.8639, 0.4186, 1.2507

Previews

White Background



This preview shows how the XYZ color 32.7816, 19.5712, 45.7659 looks on a white background.

Color Contrast Check

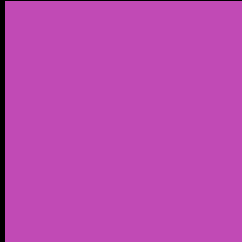
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.7816, 19.5712, 45.7659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

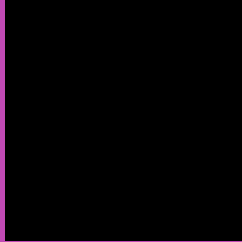
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.7816, 19.5712, 45.7659

Background



This preview shows how black text looks on a background with the XYZ color 32.7816, 19.5712, 45.7659.



This preview shows how white text looks on a background with the XYZ color 32.7816, 19.5712,

45.7659.

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

32.7816, 19.5712, 45.7659

Protanopia

22.5917, 20.1092, 71.0974

Deuteranopia

20.3281, 19.9395, 42.3125



Tritanopia

26.3982, 19.5354, 15.2113

Trichromacy



Original Color

32.7816, 19.5712, 45.7659



Protanomaly

23.3269, 17.9386, 60.6256



Deuteranomaly

23.2046, 18.5561, 43.4330



Tritanomaly

28.0800, 19.1829, 23.6954

Monochromacy



Original Color

32.7816, 19.5712, 45.7659



Achromatopsia

18.4984, 19.4618, 21.1939



Achromatomaly

22.2222, 18.3822, 28.3635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7816, 19.5712, 45.7659 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(193, 74, 181)` looks like.

```
.text, #text, p{  
    color:rgb(193, 74, 181)  
}
```

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(193, 74, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 74, 181) }
```

Border

The CSS property to change the border of an element to XYZ 32.7816, 19.5712, 45.7659 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(193, 74, 181) }
```


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

```
.border{ border-color:rgb(193, 74, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 74, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 74, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 74, 181);  
box-shadow:4px 4px 4px 4px rgb(193, 74,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7816, 19.5712, 45.7659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 74, 181) }
```

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

```
.background{ background-color: rgb(193, 74,  
181) }
```

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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