

Converting Colors

XYZ(34.3487, 20.0644, 22.5711)

Have a look what the booklet for
XYZ(34.3487, 20.0644, 22.5711)
contains.

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Color

**XYZ(34.4019, 20.0908,
22.4868)**

Conversions

Conversions Part 1

Format	Color
Hex	D94180
RGB	217, 65, 128
RGB Percent	85%, 25%, 50%
CMY	0.1490, 0.7451, 0.4980
CMYK	0.00, 0.70, 0.41, 0.15
HSL	335°, 67%, 55%
HSV	335°, 70%, 85%
XYZ	34.4019, 20.0908, 22.4868
YIQ	117.6300, 70.3690, 51.8170

Conversions

Conversions Part 2

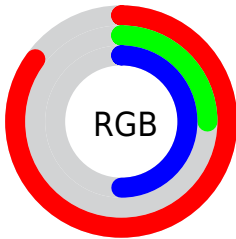
Format	Color
R_{YB}	217, 65, 128
Decimal	14238080
CIE _{Lab}	51.94, 63.49, -1.08
CIE _{LCh}	52, 63.495, 359.024
Yxy	20.0908, 0.4469, 0.2610
Android (android.graphics.Color)	4292428160 (0xFFD94180)
YUV	117.6300, 5.1124, 87.1475
Hunter-Lab	44.8228, 58.5606, 1.6312

Details

The XYZ color **34.4019, 20.0908, 22.4868** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **32.8269, 53.0833, 39.0916**, and the grayscale version is **17.0746, 17.9638, 19.5626**.

A 20% lighter version of the original color is **56.6634, 38.7621, 48.2114**, and **15.3159, 7.7326, 8.0824** is the 20% darker color. If you saturate the color by 10%, you get **32.6019, 17.7466, 18.0156**, and if you desaturate by 10%, it is **36.7860, 23.4355, 27.6698**.

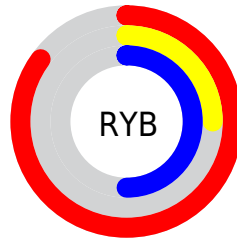
Distribution



Red (85%)

Green (25%)

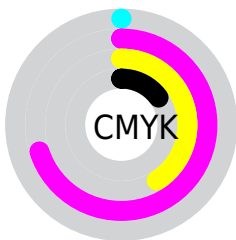
Blue (50%)



Red (85%)

Yellow (25%)

Blue (50%)

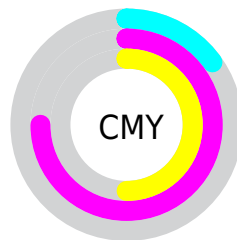


Cyan (0%)

Magenta (70%)

Yellow (41%)

Black (15%)



Cyan (15%)


Magenta (75%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4019, 20.0908, 22.4868 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 34.4019, 20.0908, 22.4868 by changing the saturation by 10% instead.


 34.4019, 20.0908,
22.4868


 34.4019, 20.0908,
22.4868


313.4749,
252.4062, 278.1140


 23.3669, 12.4611,
14.0133


 65.8983, 43.5694,
48.4617


 14.9868, 7.0585,
7.9911


 87.0904, 60.1870,
66.8002


 8.8964, 3.4987,
4.0015


 112.3989, 80.5693,
89.2642

 4.7302, 1.3973,
1.6262

 142.1892,
105.1009, 116.2721

 2.1230, 0.2147,
0.3094

 176.8265,
134.1659, 148.2424

 0.7017, 0.0000,
0.0000

216.6764,

 0.0000, 0.0000,

168.1489, 185.5939

0.0000

262.1040,
207.4342, 228.7449

■ 34.4019, 20.0908,
22.4868

■ 34.4019, 20.0908,
22.4868

■ 32.6019, 17.7466,
18.0156

■ 36.7860, 23.4355,
27.6698

■ 31.3223, 16.2817,
14.2154


■ 39.8051, 27.8770,
33.5993


■ 30.4580, 15.4888,
11.0424


■ 43.5065, 33.5036,
40.3081


■ 47.9318, 40.3940,
47.8267

■ 53.1195, 48.6197,
56.1835

 59.1053, 58.2469,
65.4056

 65.9223, 69.3376,
75.5185

 73.6018, 81.9499,
86.5468

 80.4565, 92.7042,
97.9415

Harmonies

Analogous

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



31.8478, 20.0908, 45.7667



34.4019, 20.0908, 22.4868



32.1462, 20.0908, 8.7573

Triad

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



34.4019, 20.0908, 22.4868



13.6810, 20.0908, 3.1840



13.3898, 20.0908, 68.7459

Complementary

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



34.4019, 20.0908, 22.4868



32.8269, 53.0833, 39.0916

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.



10.1636, 20.0908, 44.0718



34.4019, 20.0908, 22.4868



10.3031, 20.0908, 8.1997

Square

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



34.4019, 20.0908, 22.4868



19.3080, 20.0908, 2.1020



9.1742, 20.0908, 21.2753



18.8850, 20.0908, 80.2027

Rectangle

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



34.4019, 20.0908, 22.4868



28.4536, 20.0908, 4.5101



9.1742, 20.0908, 21.2753



12.0539, 20.0908, 61.2232

Sweetspot

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



34.4025, 20.0919, 22.4871



75.6379, 68.6059, 79.5234



27.6790, 15.6291, 67.2036



15.7273, 13.9486, 16.2850



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



34.4025, 20.0919, 22.4871



46.0267, 24.4323, 23.2593



32.2711, 20.5362, 7.2654



13.2787, 13.1406, 14.7289



18.4874, 9.3960, 6.9469



1.2400, 0.6256, 0.6725

Inverse Universe

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



34.4025, 20.0919, 22.4871



46.0267, 24.4323, 23.2593



36.3774, 49.4787, 73.2788



13.2787, 13.1406, 14.7289



18.4874, 9.3960, 6.9469



1.2400, 0.6256, 0.6725

Previews

White Background



This preview shows how the XYZ color 34.4019, 20.0908, 22.4868 looks on a white background.

Color Contrast Check

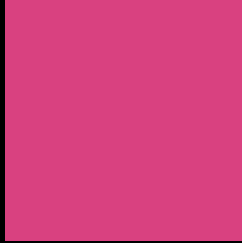
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.4019, 20.0908, 22.4868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

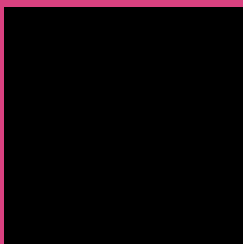
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.4019, 20.0908, 22.4868

Background



This preview shows how black text looks on a background with the XYZ color 34.4019, 20.0908, 22.4868.



This preview shows how white text looks on a background with the XYZ color 34.4019, 20.0908,

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

34.4019, 20.0908, 22.4868

Protanopia

20.5939, 20.3570, 37.9658

Deuteranopia

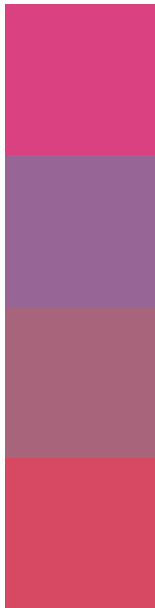
20.5879, 20.1923, 20.5817



Tritanopia

31.8012, 20.0591, 9.9803

Trichromacy



Original Color

34.4019, 20.0908, 22.4868

Protanomaly

23.0998, 18.3164, 31.5961

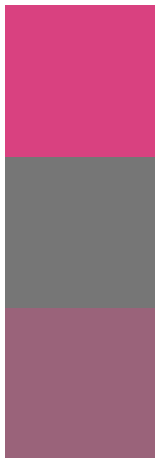
Deuteranomaly

24.0687, 18.7599, 21.0914

Tritanomaly

32.5463, 19.9636, 13.6933

Monochromacy



Original Color

34.4019, 20.0908, 22.4868

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

21.3011, 17.1988, 20.6094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4019, 20.0908, 22.4868 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(217, 65, 128)` looks like.

```
.text, #text, p{  
    color:rgb(217, 65, 128)  
}
```

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(217, 65, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 65, 128) }
```

Border

The CSS property to change the border of an element to XYZ 34.4019, 20.0908, 22.4868 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(217, 65, 128) }
```


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

```
.border{ border-color:rgb(217, 65, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 65, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 65, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 65, 128);  
box-shadow:4px 4px 4px 4px rgb(217, 65,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4019, 20.0908, 22.4868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 65, 128) }
```

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

```
.background{ background-color: rgb(217, 65,  
128) }
```

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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