

Converting Colors

XYZ(34.7656, 21.2151, 14.2701)

Have a look what the booklet for
XYZ(34.7656, 21.2151, 14.2701)
contains.

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Color

**XYZ(34.8070, 21.2148,
14.3169)**

Conversions

Conversions Part 1

Format	Color
Hex	DE4964
RGB	222, 73, 100
RGB Percent	87%, 29%, 39%
CMY	0.1294, 0.7137, 0.6078
CMYK	0.00, 0.67, 0.55, 0.13
HSL	349°, 69%, 58%
HSV	349°, 67%, 87%
XYZ	34.8070, 21.2148, 14.3169
YIQ	120.6290, 80.1370, 39.9850

Conversions

Conversions Part 2

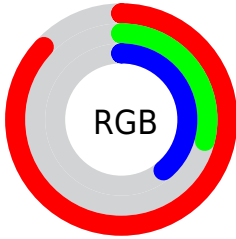
Format	Color
R_{YB}	222, 73, 100
Decimal	14567780
CIE Lab	53.18, 59.52, 17.58
CIE LCh	53, 62.059, 16.457
Yxy	21.2148, 0.4948, 0.3016
Android (android.graphics.Color)	4292757860 (0xFFDE4964)
YUV	120.6290, -10.1701, 88.9024
Hunter-Lab	46.0595, 54.2876, 13.8123

Details

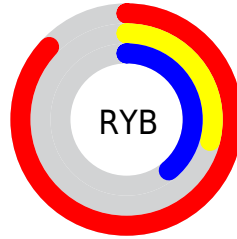
The XYZ color **34.8070, 21.2148, 14.3169** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **38.7209, 57.5997, 60.7120**, and the grayscale version is **18.0691, 19.0101, 20.7020**.

A 20% lighter version of the original color is **54.8085, 39.4596, 34.0059**, and **15.3638, 7.8434, 4.1942** is the 20% darker color. If you saturate the color by 10%, you get **32.8158, 18.4871, 9.7860**, and if you desaturate by 10%, it is **37.5158, 25.0640, 20.0558**.

Distribution



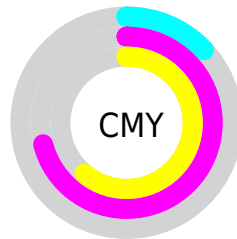
- Red (87%)
- Green (29%)
- Blue (39%)



- Red (87%)
- Yellow (29%)
- Blue (39%)



- Cyan (0%)
- Magenta (67%)
- Yellow (55%)
- Black (13%)





- Cyan (13%)
- Magenta (71%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.8070, 21.2148, 14.3169 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 34.8070, 21.2148, 14.3169 by changing the saturation by 10% instead.


 34.8070, 21.2148,
14.3169

 34.8070, 21.2148,
14.3169


315.2386,
258.4178, 230.6900


 23.6801, 13.2811,
8.2001


 66.5227, 45.4447,
34.3755


 15.2199, 7.6224,
4.1337


 87.8421, 62.5098,
49.1543


 9.0612, 3.8543,
1.6990


 113.2898, 83.3874,
67.6577

 4.8385, 1.5924,
0.3600

 143.2310,
108.4620, 90.3040

 2.1866, 0.3525,
0.0000

 178.0311,
138.1179, 117.5118

 0.7357, 0.0000,
0.0000

218.0555,

 0.0000, 0.0000,

172.7396, 149.6998

0.0000

263.6696,
212.7115, 187.2863

■ 34.8070, 21.2148,
14.3169

■ 34.8070, 21.2148,
14.3169

■ 32.8158, 18.4871,
9.7860

■ 37.5158, 25.0640,
20.0558

■ 31.4692, 16.7554,
6.3730

■ 41.0025, 30.1355,
27.0814


■ 30.6763, 15.8617,
3.9747


■ 45.3226, 36.5228,
35.4669


■ 30.5108, 15.6842,
3.4462


■ 50.5260, 44.3092,
45.2795

■ 56.6586, 53.5713,
56.5818

 63.7631, 64.3800,
69.4329

 71.8797, 76.8016,
83.8885

 81.0460, 90.8987,
100.0015

 83.9341, 94.2695,
108.3798

Harmonies

Analogous

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



35.0460, 21.2148, 32.6124



34.8070, 21.2148, 14.3169



30.1392, 21.2148, 5.5823

Triad

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



34.8070, 21.2148, 14.3169



12.3462, 21.2148, 6.1006



17.3574, 21.2148, 78.8683

Complementary

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



34.8070, 21.2148, 14.3169



38.7209, 57.5997, 60.7120

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.



12.6755, 21.2148, 60.3275



34.8070, 21.2148, 14.3169



10.2344, 21.2148, 15.6434

Square

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



34.8070, 21.2148, 14.3169



16.8038, 21.2148, 2.9056



10.3402, 21.2148, 34.8926



23.9448, 21.2148, 77.7971

Rectangle

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



34.8070, 21.2148, 14.3169



25.6220, 21.2148, 3.3052



10.3402, 21.2148, 34.8926



15.5420, 21.2148, 74.4229

Sweetspot

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



34.8075, 21.2160, 14.3172



74.8735, 69.2620, 72.5327



37.9922, 21.6004, 71.2738



15.5128, 14.0496, 14.5802



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.



34.8075, 21.2160, 14.3172



43.9899, 24.0807, 11.1058



38.0663, 29.4893, 9.9907



13.8081, 13.7409, 14.7598



18.1522, 9.3279, 2.2013



1.2883, 0.6586, 0.3113

Inverse Universe

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



34.8075, 21.2160, 14.3172



43.9899, 24.0807, 11.1058



31.2280, 37.2805, 74.6569



13.8081, 13.7409, 14.7598



18.1522, 9.3279, 2.2013



1.2883, 0.6586, 0.3113

Previews

White Background



This preview shows how the XYZ color 34.8070, 21.2148, 14.3169 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 34.8070, 21.2148, 14.3169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

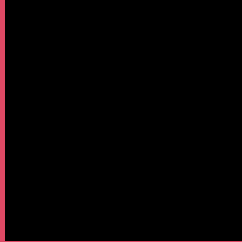
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.8070, 21.2148, 14.3169

Background



This preview shows how black text looks on a background with the XYZ color 34.8070, 21.2148, 14.3169.



This preview shows how white text looks on a background with the XYZ color 34.8070, 21.2148,

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

34.8070, 21.2148, 14.3169

Protanopia

20.5612, 21.4309, 22.7916

Deuteranopia

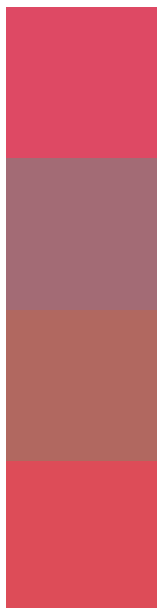
21.6978, 21.2887, 13.3215



Tritanopia

33.9579, 21.2740, 10.1011

Trichromacy



Original Color

34.8070, 21.2148, 14.3169

Protanomaly

23.5728, 19.5863, 19.3677

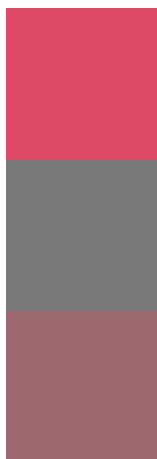
Deuteranomaly

25.1931, 20.0923, 13.6167

Tritanomaly

34.1647, 21.2456, 11.5327

Monochromacy



Original Color

34.8070, 21.2148, 14.3169

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

22.0315, 18.3620, 18.0058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8070, 21.2148, 14.3169 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(222, 73, 100)` looks like.

```
.text, #text, p{  
  color:rgb(222, 73, 100)  
}
```

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(222, 73, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 73, 100) }
```

Border

The CSS property to change the border of an element to XYZ 34.8070, 21.2148, 14.3169 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(222, 73, 100) }
```


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

```
.border{ border-color:rgb(222, 73, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 73, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 73, 100); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 73, 100); box-shadow:4px 4px 4px 4px rgb(222, 73, 100) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8070, 21.2148, 14.3169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 73, 100) }
```

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

```
.background{ background-color: rgb(222, 73,  
100) }
```

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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