

Converting Colors

XYZ(34.1676, 21.9711, 14.0284)

Have a look what the booklet for
XYZ(34.1676, 21.9711, 14.0284)
contains.

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Color

**XYZ(34.2113, 21.9738,
13.9935)**

Conversions

Conversions Part 1

Format	Color
Hex	DA5362
RGB	218, 83, 98
RGB Percent	85%, 33%, 38%
CMY	0.1451, 0.6745, 0.6157
CMYK	0.00, 0.62, 0.55, 0.15
HSL	353°, 65%, 59%
HSV	353°, 62%, 85%
XYZ	34.2113, 21.9738, 13.9935
YIQ	125.0750, 75.6450, 33.2850

Conversions

Conversions Part 2

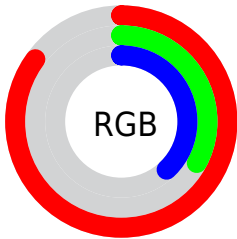
Format	Color
R_{YB}	218, 83, 98
Decimal	14308194
CIE _{Lab}	54.00, 53.95, 19.76
CIE _{LCh}	54, 57.454, 20.115
Yxy	21.9738, 0.4875, 0.3131
Android (android.graphics.Color)	4292498274 (0xFFDA5362)
YUV	125.0750, -13.3480, 81.4952
Hunter-Lab	46.8762, 48.2399, 15.1141

Details

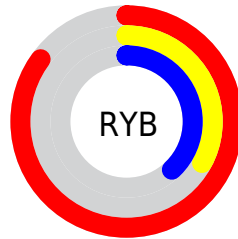
The XYZ color **34.2113, 21.9738, 13.9935** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **39.4197, 56.2941, 65.2927**, and the grayscale version is **19.5449, 20.5628, 22.3928**.

A 20% lighter version of the original color is **55.7533, 41.6069, 33.5262**, and **14.7926, 7.9524, 4.0041** is the 20% darker color. If you saturate the color by 10%, you get **31.9908, 18.8242, 9.2725**, and if you desaturate by 10%, it is **37.1786, 26.2628, 20.0565**.

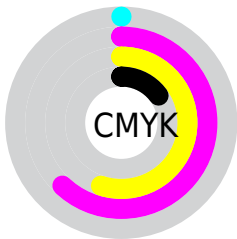
Distribution



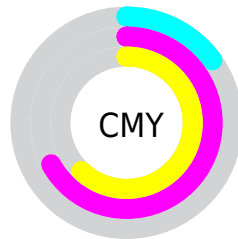
- Red (85%)
- Green (33%)
- Blue (38%)



- Red (85%)
- Yellow (33%)
- Blue (38%)



- Cyan (0%)
- Magenta (62%)
- Yellow (55%)
- Black (15%)





- Cyan (15%)
- Magenta (67%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2113, 21.9738, 13.9935 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 34.2113, 21.9738, 13.9935 by changing the saturation by 10% instead.

 34.2113, 21.9738,
13.9935


 34.2113, 21.9738,
13.9935


312.6426,
262.4094, 228.6174


 23.2196, 13.8376,
7.9774


 65.6042, 46.7027,
33.7945

 14.8774, 8.0078,
3.9930


 86.7362, 64.0642,
48.4164

 8.8191, 4.1000,
1.6215


 111.9790, 85.2697,
66.7441

 4.6795, 1.7296,
0.3061

 141.6979,
110.7034, 89.1961

 2.0933, 0.4427,
0.0000

176.2584,
140.7499, 116.1909

 0.6856, 0.0000,
0.0000

216.0258,

 0.0000, 0.0000,

175.7934, 148.1470

0.0000

261.3654,
216.2185, 185.4830

■ 34.2113, 21.9738,
13.9935

■ 34.2113, 21.9738,
13.9935

■ 31.9908, 18.8242,
9.2725

■ 37.1786, 26.2628,
20.0565

■ 30.4480, 16.7017,
5.7897

■ 40.9502, 31.7823,
27.5524

■ 29.5040, 15.4777,
3.4278

■ 45.5797, 38.6184,
36.5652

■ 29.0804, 14.9722,
2.2329

■ 51.1158, 46.8484,
47.1722

■ 57.6032, 56.5436,
59.4454

■ 65.0839, 67.7705,
73.4525

■ 73.5974, 80.5914,
89.2571

■ 82.4079, 93.5192,
106.6623

■ 82.7233, 93.6454,
108.3231

Harmonies

Analogous

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



34.9821, 21.9738, 30.2841



34.2113, 21.9738, 13.9935



29.5084, 21.9738, 6.1178

Triad

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



34.2113, 21.9738, 13.9935



13.0029, 21.9738, 8.0227



18.9035, 21.9738, 75.8429

Complementary

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



34.2113, 21.9738, 13.9935



39.4197, 56.2941, 65.2927

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.



14.1309, 21.9738, 60.8890



34.2113, 21.9738, 13.9935



11.1986, 21.9738, 18.5261

Square

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



34.2113, 21.9738, 13.9935



17.0451, 21.9738, 4.0459



11.5660, 21.9738, 37.7057



25.2631, 21.9738, 72.4907

Rectangle

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



34.2113, 21.9738, 13.9935



25.2121, 21.9738, 4.0315



11.5660, 21.9738, 37.7057



17.0845, 21.9738, 72.5890

Sweetspot

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



34.2118, 21.9750, 13.9939



75.3189, 70.4179, 71.8639



40.1737, 23.8413, 68.8138



15.5813, 14.2667, 14.3557



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.



34.2118, 21.9750, 13.9939



44.9366, 25.8839, 11.6997



39.1048, 32.7897, 12.4533



13.1145, 13.0749, 13.8644



17.4419, 8.9778, 1.4413



1.1501, 0.5897, 0.1996

Inverse Universe

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



34.2118, 21.9750, 13.9939



44.9366, 25.8839, 11.6997



29.9051, 34.2658, 71.3671



13.1145, 13.0749, 13.8644



17.4419, 8.9778, 1.4413



1.1501, 0.5897, 0.1996

Previews

White Background



This preview shows how the XYZ color 34.2113, 21.9738, 13.9935 looks on a white background.

Color Contrast Check

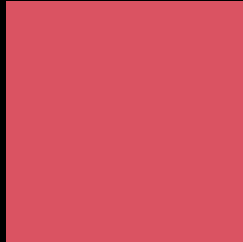
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.2113, 21.9738, 13.9935 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 34.2113, 21.9738, 13.9935

Background



This preview shows how black text looks on a background with the XYZ color 34.2113, 21.9738, 13.9935.



This preview shows how white text looks on a background with the XYZ color 34.2113, 21.9738,

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

34.2113, 21.9738, 13.9935

Protanopia

21.0719, 22.1249, 20.9292

Deuteranopia

22.4658, 22.0580, 13.1988



Tritanopia

33.9292, 21.9843, 12.1280

Trichromacy



Original Color

34.2113, 21.9738, 13.9935

Protanomaly

24.2359, 20.7575, 18.0585

Deuteranomaly

25.6205, 21.0925, 13.3106

Tritanomaly

34.0595, 22.0364, 12.8142

Monochromacy



Original Color

34.2113, 21.9738, 13.9935

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

22.9685, 19.7606, 18.8233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2113, 21.9738, 13.9935 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(218, 83, 98)` looks like.

```
.text, #text, p{  
    color:rgb(218, 83, 98)  
}
```

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(218, 83, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 83, 98) }
```

Border

The CSS property to change the border of an element to XYZ 34.2113, 21.9738, 13.9935 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(218, 83, 98) }
```


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

```
.border{ border-color:rgb(218, 83, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 83, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 83, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 83, 98);  
box-shadow:4px 4px 4px 4px rgb(218, 83,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2113, 21.9738, 13.9935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 83, 98) }
```

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

```
.background{ background-color: rgb(218, 83,  
98) }
```

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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