

Converting Colors

XYZ(34.6906, 21.2230, 15.3799)

Have a look what the booklet for
XYZ(34.6906, 21.2230, 15.3799)
contains.

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Color

**XYZ(34.7663, 21.2692,
15.3697)**

Conversions

Conversions Part 1

Format	Color
Hex	DD4A68
RGB	221, 74, 104
RGB Percent	87%, 29%, 41%
CMY	0.1333, 0.7098, 0.5922
CMYK	0.00, 0.67, 0.53, 0.13
HSL	348°, 68%, 58%
HSV	348°, 67%, 87%
XYZ	34.7663, 21.2692, 15.3697
YIQ	121.3730, 77.9820, 40.4940

Conversions

Conversions Part 2

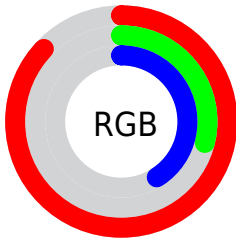
Format	Color
R_{YB}	221, 74, 104
Decimal	14502504
CIE _{Lab}	53.24, 59.12, 15.25
CIE _{LCh}	53, 61.057, 14.463
Yxy	21.2692, 0.4869, 0.2979
Android (android.graphics.Color)	4292692584 (0xFFDD4A68)
YUV	121.3730, -8.5649, 87.3729
Hunter-Lab	46.1185, 53.8541, 12.5237

Details

The XYZ color **34.7663, 21.2692, 15.3697** 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 **38.0860, 56.9309, 58.2765**, and the grayscale version is **18.3050, 19.2582, 20.9722**.

A 20% lighter version of the original color is **55.2727, 39.8592, 35.7907**, and **15.2357, 7.7690, 4.5674** is the 20% darker color. If you saturate the color by 10%, you get **32.7389, 18.4985, 10.7360**, and if you desaturate by 10%, it is **37.4991, 25.1528, 21.1585**.

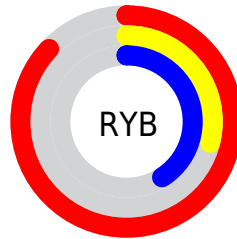
Distribution



Red (87%)

Green (29%)

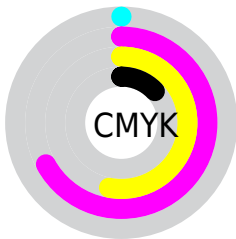
Blue (41%)



Red (87%)

Yellow (29%)

Blue (41%)

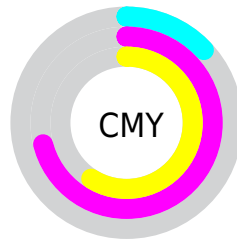


Cyan (0%)

Magenta (67%)

Yellow (53%)

Black (13%)



Cyan (13%)


Magenta (71%)


Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7663, 21.2692, 15.3697 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 34.7663, 21.2692, 15.3697 by changing the saturation by 10% instead.


 34.7663, 21.2692,
15.3697


 34.7663, 21.2692,
15.3697


315.0617,
258.7057, 237.3105


 23.6486, 13.3209,
8.9298


 66.4600, 45.5351,
36.2519


 15.1965, 7.6499,
4.5992


 87.7667, 62.6216,
51.5312


 9.0446, 3.8718,
1.9595


 113.2004, 83.5228,
70.5941

 4.8276, 1.6021,
0.5302

 143.1264,
108.6234, 93.8590

 2.1802, 0.3590,
0.0000

 177.9103,
138.3075, 121.7446

 0.7323, 0.0000,
0.0000

217.9172,

 0.0000, 0.0000,

172.9597, 154.6694

0.0000

263.5125,
212.9643, 193.0518

■ 34.7663, 21.2692,
15.3697

■ 34.7663, 21.2692,
15.3697

■ 32.7389, 18.4985,
10.7360

■ 37.4991, 25.1528,
21.1585

■ 31.3467, 16.7185,
7.1757

■ 40.9953, 30.2477,
28.1736

■ 30.5050, 15.7805,
4.5966

■ 45.3085, 36.6453,
36.4820

■ 30.2941, 15.5623,
3.8991

■ 50.4867, 44.4274,
46.1450

■ 56.5745, 53.6687,
57.2201

63.6132, 64.4391,
69.7614

71.6415, 76.8034,
83.8202

80.6960, 90.8231,
99.4452

83.6287, 94.1121,
108.3655

Harmonies

Analogous

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



34.6799, 21.2692, 34.0399



34.7663, 21.2692, 15.3697



30.4263, 21.2692, 6.1214

Triad

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



34.7663, 21.2692, 15.3697



12.7112, 21.2692, 5.9293



17.0711, 21.2692, 77.0312

Complementary

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



34.7663, 21.2692, 15.3697



38.0860, 56.9309, 58.2765

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.



12.5908, 21.2692, 58.0271



34.7663, 21.2692, 15.3697



10.4635, 21.2692, 14.8850

Square

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



34.7663, 21.2692, 15.3697



17.2728, 21.2692, 2.9785



10.4247, 21.2692, 33.2143



23.4753, 21.2692, 77.4162

Rectangle

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



34.7663, 21.2692, 15.3697



26.0499, 21.2692, 3.6170



10.4247, 21.2692, 33.2143



15.3250, 21.2692, 72.2902

Sweetspot

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



34.7668, 21.2704, 15.3701



75.0224, 69.3215, 73.3167



36.5245, 20.9575, 70.5266



15.5479, 14.0636, 14.7648



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.



34.7668, 21.2704, 15.3701



44.3830, 24.4113, 12.6413



37.2609, 28.2784, 9.9746



13.1642, 13.0948, 14.1257



17.6312, 9.0535, 2.4381



1.1735, 0.5990, 0.3227

Inverse Universe

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



34.7668, 21.2704, 15.3701



44.3830, 24.4113, 12.6413



32.0667, 39.0583, 74.2554



13.1642, 13.0948, 14.1257



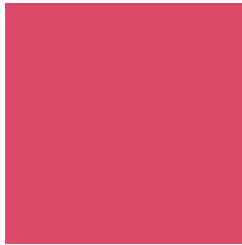
17.6312, 9.0535, 2.4381



1.1735, 0.5990, 0.3227

Previews

White Background



This preview shows how the XYZ color 34.7663, 21.2692, 15.3697 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 34.7663, 21.2692, 15.3697 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 34.7663, 21.2692, 15.3697

Background



This preview shows how black text looks on a background with the XYZ color 34.7663, 21.2692, 15.3697.



This preview shows how white text looks on a background with the XYZ color 34.7663, 21.2692,

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

34.7663, 21.2692, 15.3697

Protanopia

20.7394, 21.4846, 24.5266

Deuteranopia

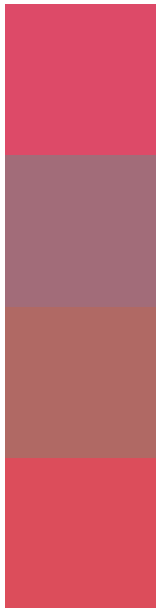
21.6949, 21.2662, 14.2706



Tritanopia

33.8009, 21.2890, 10.5113

Trichromacy



Original Color

34.7663, 21.2692, 15.3697

Protanomaly

23.7140, 19.7870, 20.6586

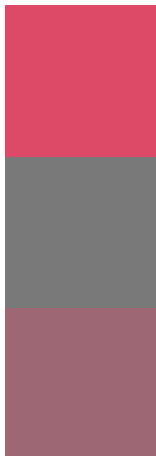
Deuteranomaly

25.2563, 20.2534, 14.6347

Tritanomaly

34.0574, 21.2787, 12.2097

Monochromacy



Original Color

34.7663, 21.2692, 15.3697

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

21.9495, 18.3065, 18.5963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7663, 21.2692, 15.3697 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(221, 74, 104)` looks like.

```
.text, #text, p{  
    color:rgb(221, 74, 104)  
}
```

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(221, 74, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 74, 104) }
```

Border

The CSS property to change the border of an element to XYZ 34.7663, 21.2692, 15.3697 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(221, 74, 104) }
```


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

```
.border{ border-color:rgb(221, 74, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 74, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 74, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 74, 104);  
box-shadow:4px 4px 4px 4px rgb(221, 74,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7663, 21.2692, 15.3697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 74, 104) }
```

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

```
.background{ background-color: rgb(221, 74,  
104) }
```

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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