

Converting Colors

XYZ(33.3397, 21.5228, 21.8664)

Have a look what the booklet for
XYZ(33.3397, 21.5228, 21.8664)
contains.

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Color

**XYZ(33.2447, 21.5330,
21.8061)**

Conversions

Conversions Part 1

Format	Color
Hex	D1557D
RGB	209, 85, 125
RGB Percent	82%, 33%, 49%
CMY	0.1804, 0.6666, 0.5098
CMYK	0.00, 0.59, 0.40, 0.18
HSL	341°, 57%, 58%
HSV	341°, 59%, 82%
XYZ	33.2447, 21.5330, 21.8061
YIQ	126.6360, 61.0640, 38.7280

Conversions

Conversions Part 2

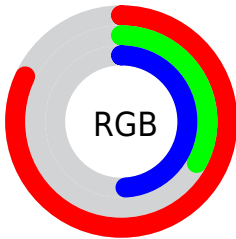
Format	Color
R_{YB}	209, 85, 125
Decimal	13718909
CIE _{Lab}	53.53, 52.60, 2.86
CIE _{LCh}	54, 52.676, 3.115
Yxy	21.5330, 0.4341, 0.2812
Android (android.graphics.Color)	4291908989 (0xFFD1557D)
YUV	126.6360, -0.8065, 72.2332
Hunter-Lab	46.4037, 46.6753, 4.6209

Details

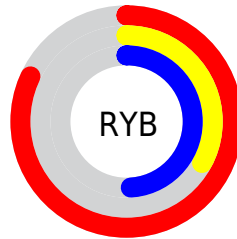
The XYZ color **33.2447, 21.5330, 21.8061** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **33.7095, 50.3974, 45.4905**, and the grayscale version is **20.0370, 21.0805, 22.9566**.

A 20% lighter version of the original color is **58.5539, 43.1905, 46.8454**, and **14.2516, 7.7446, 7.5812** is the 20% darker color. If you saturate the color by 10%, you get **30.9945, 18.3784, 16.9071**, and if you desaturate by 10%, it is **36.1108, 25.7130, 27.5470**.

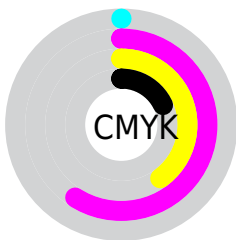
Distribution



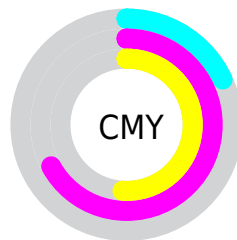
- Red (82%)
- Green (33%)
- Blue (49%)



- Red (82%)
- Yellow (33%)
- Blue (49%)



- Cyan (0%)
- Magenta (59%)
- Yellow (40%)
- Black (18%)




- Cyan (18%)
- Magenta (67%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.2447, 21.5330, 21.8061 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 33.2447, 21.5330, 21.8061 by changing the saturation by 10% instead.

 33.2447, 21.5330,
21.8061


 33.2447, 21.5330,
21.8061


308.3964,
260.0977, 274.4524


 22.4741, 13.5142,
13.5175


 64.1095, 45.9729,
47.3234


 14.3242, 7.7835,
7.6510


 84.9344, 63.1628,
65.3892

 8.4297, 3.9568,
3.7879


 109.8415, 84.1785,
87.5512

 4.4252, 1.6494,
1.5097

 139.1960,
109.4043, 114.2278

 1.9454, 0.3906,
0.2251

173.3635,
139.2248, 145.8378

 0.6030, 0.0000,
0.0000

212.7091,

 0.0000, 0.0000,

174.0243, 182.7995

0.0000

257.5983,
214.1871, 225.5315

■ 33.2447, 21.5330,
21.8061

■ 33.2447, 21.5330,
21.8061

■ 30.9945, 18.3784,
16.9071

■ 36.1108, 25.7130,
27.5470

■ 29.3088, 16.1553,
12.8054

■ 39.6351, 30.9948,
34.1685

■ 28.1303, 14.7582,
9.4536

■ 43.8578, 37.4511,
41.7080

■ 27.3644, 14.0077,
6.7890

■ 48.8154, 45.1477,
50.2004

■ 27.3200, 13.9655,
6.6309

■ 54.5419, 54.1453,
59.6785

■ 61.0688, 64.5007,
70.1735

■ 68.4263, 76.2672,
81.7154

■ 76.6425, 89.4954,
94.3327

■ 79.6934, 92.1309,
106.0357

Harmonies

Analogous

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



31.6801, 21.5330, 40.3838



33.2447, 21.5330, 21.8061



30.9018, 21.5330, 10.2894

Triad

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



33.2447, 21.5330, 21.8061



15.1185, 21.5330, 5.9171



15.9638, 21.5330, 63.2290

Complementary

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



33.2447, 21.5330, 21.8061



33.7095, 50.3974, 45.4905

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.



12.6927, 21.5330, 44.7095



33.2447, 21.5330, 21.8061



12.2709, 21.5330, 12.0624

Square

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



33.2447, 21.5330, 21.8061



19.8856, 21.5330, 4.1445



11.4709, 21.5330, 25.1657



21.0585, 21.5330, 69.8304

Rectangle

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



33.2447, 21.5330, 21.8061



27.6515, 21.5330, 6.3952



11.4709, 21.5330, 25.1657



14.6482, 21.5330, 57.8740

Sweetspot

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



33.2453, 21.5341, 21.8065



77.5066, 72.2867, 80.3210



30.8358, 19.3901, 62.4391



16.0650, 14.6530, 16.3081



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.



33.2453, 21.5341, 21.8065



47.8741, 27.8263, 24.8022



33.0549, 24.4520, 11.5734



11.9637, 11.8702, 13.0844



16.8850, 8.6268, 4.3003



0.9802, 0.4968, 0.4304

Inverse Universe

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



33.2453, 21.5341, 21.8065



47.8741, 27.8263, 24.8022



33.3104, 42.6447, 66.7972



11.9637, 11.8702, 13.0844



16.8850, 8.6268, 4.3003



0.9802, 0.4968, 0.4304

Previews

White Background



This preview shows how the XYZ color 33.2447, 21.5330, 21.8061 looks on a white background.

Color Contrast Check

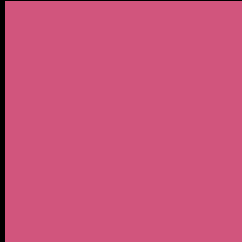
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.2447, 21.5330, 21.8061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

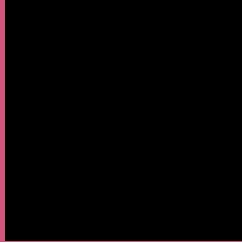
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.2447, 21.5330, 21.8061

Background



This preview shows how black text looks on a background with the XYZ color 33.2447, 21.5330, 21.8061.



This preview shows how white text looks on a background with the XYZ color 33.2447, 21.5330,

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

33.2447, 21.5330, 21.8061

Protanopia

21.4066, 21.6658, 31.9078

Deuteranopia

22.0390, 21.6765, 20.4752



Tritanopia

31.6309, 21.6106, 13.8134

Trichromacy



Original Color

33.2447, 21.5330, 21.8061

Protanomaly

24.1195, 20.4800, 27.8811

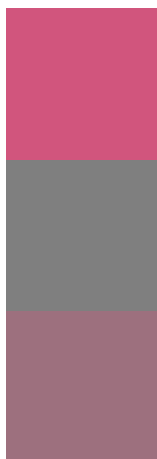
Deuteranomaly

25.1756, 20.8572, 20.7881

Tritanomaly

32.2386, 21.6162, 16.3831

Monochromacy



Original Color

33.2447, 21.5330, 21.8061

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

23.4647, 20.2628, 22.4131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.2447, 21.5330, 21.8061 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(209, 85, 125)` looks like.

```
.text, #text, p{  
    color:rgb(209, 85, 125)  
}
```

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(209, 85, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 85, 125) }
```

Border

The CSS property to change the border of an element to XYZ 33.2447, 21.5330, 21.8061 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(209, 85, 125) }
```


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

```
.border{ border-color:rgb(209, 85, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 85, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 85, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 85, 125);  
box-shadow:4px 4px 4px 4px rgb(209, 85,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 33.2447, 21.5330, 21.8061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 85, 125) }
```

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

```
.background{ background-color: rgb(209, 85,  
125) }
```

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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