

Converting Colors

XYZ(35.3558, 20.4301, 21.8171)

Have a look what the booklet for
XYZ(35.3558, 20.4301, 21.8171)
contains.

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Color

**XYZ(35.3622, 20.4335,
21.8189)**

Conversions

Conversions Part 1

Format	Color
Hex	DD3F7E
RGB	221, 63, 126
RGB Percent	87%, 25%, 49%
CMY	0.1333, 0.7529, 0.5059
CMYK	0.00, 0.71, 0.43, 0.13
HSL	336°, 70%, 56%
HSV	336°, 71%, 87%
XYZ	35.3622, 20.4335, 21.8189
YIQ	117.4240, 73.9450, 53.0890

Conversions

Conversions Part 2

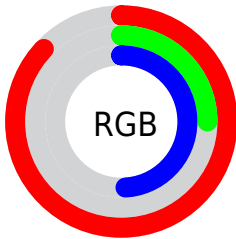
Format	Color
R_{YB}	221, 63, 126
Decimal	14499710
CIE _{Lab}	52.32, 65.12, 0.76
CIE _{LCh}	52, 65.119, 0.672
Yxy	20.4335, 0.4556, 0.2633
Android (android.graphics.Color)	4292689790 (0xFFDD3F7E)
YUV	117.4240, 4.2280, 90.8362
Hunter-Lab	45.2034, 60.5328, 3.0242

Details

The XYZ color **35.3622, 20.4335, 21.8189** 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 **34.0794, 55.2389, 41.2181**, and the grayscale version is **17.0125, 17.8985, 19.4915**.

A 20% lighter version of the original color is **56.2354, 38.3934, 46.5662**, and **16.0375, 8.1129, 7.7419** is the 20% darker color. If you saturate the color by 10%, you get **33.5730, 18.1376, 17.2692**, and if you desaturate by 10%, it is **37.7573, 23.7590, 27.1329**.

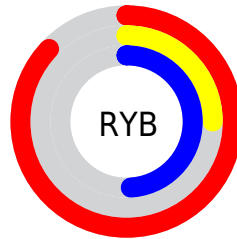
Distribution



Red (87%)

Green (25%)

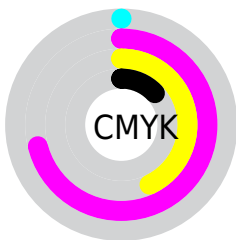
Blue (49%)



Red (87%)

Yellow (25%)

Blue (49%)

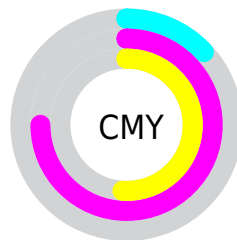


Cyan (0%)

Magenta (71%)

Yellow (43%)

Black (13%)



Cyan (13%)


Magenta (75%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3622, 20.4335, 21.8189 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 35.3622, 20.4335, 21.8189 by changing the saturation by 10% instead.

 35.3622, 20.4335,
21.8189


 35.3622, 20.4335,
21.8189


317.6443,
254.2523, 274.5216


 24.1098, 12.7105,
13.5268


 67.3768, 44.1428,
47.3448


 15.5403, 7.2295,
7.6574


 88.8698, 60.8979,
65.4158


 9.2882, 3.6061,
3.7919


 114.5070, 81.4326,
87.5835

 4.9883, 1.4557,
1.5119

 144.6538,
106.1311, 114.2664

 2.2751, 0.2573,
0.2267

 179.6756,
135.3780, 145.8832

 0.7819, 0.0000,
0.0000

219.9377,

 0.0000, 0.0000,

169.5575, 182.8523

0.0000

265.8055,
209.0542, 225.5923

■ 35.3622, 20.4335,
21.8189

■ 35.3622, 20.4335,
21.8189

■ 33.5730, 18.1376,
17.2692

■ 37.7573, 23.7590,
27.1329

■ 32.3209, 16.7404,
13.4384


■ 40.8133, 28.2174,
33.2499


■ 31.5849, 16.0786,
10.6957


■ 44.5806, 33.9027,
40.2065


■ 49.1039, 40.8985,
48.0364

■ 54.4241, 49.2807,
56.7713

 60.5790, 59.1195,
66.4409

 67.6041, 70.4803,
77.0737

 75.5326, 83.4243,
88.6968

 82.1519, 93.5214,
100.5881

Harmonies

Analogous

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



32.9579, 20.4335, 45.6564



35.3622, 20.4335, 21.8189



32.7435, 20.4335, 8.2355

Triad

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



35.3622, 20.4335, 21.8189



13.5628, 20.4335, 3.2109



13.7698, 20.4335, 72.4100

Complementary

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



35.3622, 20.4335, 21.8189



34.0794, 55.2389, 41.2181

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.



10.3142, 20.4335, 46.8769



35.3622, 20.4335, 21.8189



10.2155, 20.4335, 8.6278

Square

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



35.3622, 20.4335, 21.8189



19.2708, 20.4335, 1.9903



9.1774, 20.4335, 22.6839



19.5728, 20.4335, 83.2945

Rectangle

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



35.3622, 20.4335, 21.8189



28.7841, 20.4335, 4.1725



9.1774, 20.4335, 22.6839



12.3472, 20.4335, 64.7331

Sweetspot

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



35.3628, 20.4346, 21.8192



75.5241, 68.5604, 78.9239



28.8912, 16.0258, 69.9771



15.7004, 13.9378, 16.1434



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.



35.3628, 20.4346, 21.8192



45.4454, 23.9371, 21.0082



33.4985, 21.2956, 7.0490



13.2700, 13.1371, 14.6832



18.4005, 9.3612, 6.4892



1.2339, 0.6232, 0.6405

Inverse Universe

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



35.3628, 20.4346, 21.8192



45.4454, 23.9371, 21.0082



36.9811, 50.0364, 76.1154



13.2700, 13.1371, 14.6832



18.4005, 9.3612, 6.4892



1.2339, 0.6232, 0.6405

Previews

White Background



This preview shows how the XYZ color 35.3622, 20.4335, 21.8189 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 35.3622, 20.4335, 21.8189 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 35.3622, 20.4335, 21.8189

Background



This preview shows how black text looks on a background with the XYZ color 35.3622, 20.4335, 21.8189.



This preview shows how white text looks on a background with the XYZ color 35.3622, 20.4335,

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

35.3622, 20.4335, 21.8189

Protanopia

20.8887, 20.7045, 37.5457

Deuteranopia

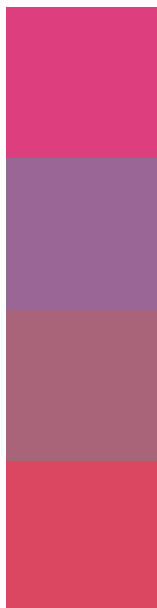
20.9226, 20.5582, 20.0049



Tritanopia

32.8408, 20.5021, 9.6235

Trichromacy



Original Color

35.3622, 20.4335, 21.8189

Protanomaly

23.5828, 18.5748, 31.1965

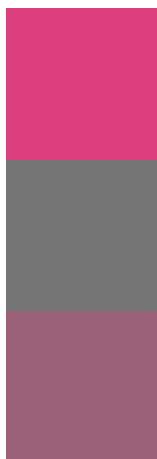
Deuteranomaly

24.3705, 18.9298, 20.4585

Tritanomaly

33.5780, 20.4111, 13.2363

Monochromacy



Original Color

35.3622, 20.4335, 21.8189

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

21.1824, 16.8740, 19.9099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3622, 20.4335, 21.8189 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, 63, 126)` looks like.

```
.text, #text, p{  
    color:rgb(221, 63, 126)  
}
```

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, 63, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 63, 126) }
```

Border

The CSS property to change the border of an element to XYZ 35.3622, 20.4335, 21.8189 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, 63, 126) }
```


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

```
.border{ border-color:rgb(221, 63, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 63, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 63, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 63, 126); box-shadow:4px 4px 4px 4px rgb(221, 63, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3622, 20.4335, 21.8189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 63, 126) }
```

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

```
.background{ background-color: rgb(221, 63,  
126) }
```

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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