

Converting Colors

XYZ(44.2358, 35.1905, 35.4713)

Have a look what the booklet for
XYZ(44.2358, 35.1905, 35.4713)
contains.

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Color

**XYZ(44.2358, 35.1905,
35.4713)**

Conversions

Conversions Part 1

Format	Color
Hex	DC889B
RGB	220, 136, 155
RGB Percent	86%, 53%, 61%
CMY	0.1373, 0.4666, 0.3922
CMYK	0.00, 0.38, 0.30, 0.14
HSL	346°, 55%, 70%
HSV	346°, 38%, 86%
XYZ	44.2358, 35.1905, 35.4713
YIQ	163.2820, 43.9650, 23.7170

Conversions

Conversions Part 2

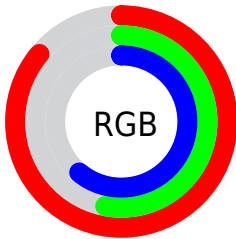
Format	Color
R _Y B	220, 136, 155
Decimal	14452891
CIE Lab	65.90, 34.48, 3.59
CIE LCh	66, 34.662, 5.937
Yxy	35.1905, 0.3850, 0.3063
Android (android.graphics.Color)	4292642971 (0xFFDC889B)
YUV	163.2820, -4.0830, 49.7417
Hunter-Lab	59.3216, 29.2938, 6.0727

Details

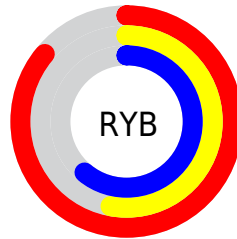
The XYZ color **44.2358, 35.1905, 35.4713** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **46.2908, 60.6387, 64.5262**, and the grayscale version is **34.9510, 36.7712, 40.0438**.

A 20% lighter version of the original color is **71.1621, 62.6904, 68.6714**, and **20.7733, 15.1267, 14.9216** is the 20% darker color. If you saturate the color by 10%, you get **40.1190, 29.0859, 27.5353**, and if you desaturate by 10%, it is **49.1920, 42.6509, 44.6824**.

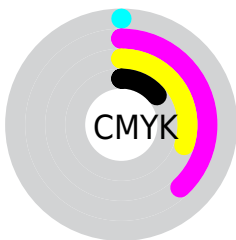
Distribution



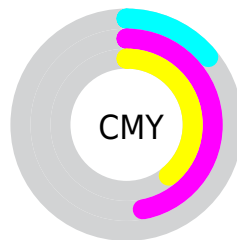
- Red (86%)
- Green (53%)
- Blue (61%)



- Red (86%)
- Yellow (53%)
- Blue (61%)



- Cyan (0%)
- Magenta (38%)
- Yellow (30%)
- Black (14%)




- Cyan (14%)
- Magenta (47%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.2358, 35.1905, 35.4713 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 44.2358, 35.1905, 35.4713 by changing the saturation by 10% instead.


 44.2358, 35.1905,
35.4713


 44.2358, 35.1905,
35.4713


354.5056,
325.4084, 341.6110


 31.0546, 23.8097,
23.7397


 80.8166, 67.7808,
69.3751

 20.7925, 15.1925,
14.9302

 104.9469, 89.7590,
92.3843

 13.0840, 8.9546,
8.6244


 133.4577,
116.0385, 119.9899

 7.5638, 4.7116,
4.4035

166.7143,
147.0036, 152.6103

 3.8666, 2.0790,
1.8492

205.0820,
183.0387, 190.6640

 1.6269, 0.6528,
0.4601

248.9262,

 0.4099, 0.0000,

224.5283, 234.5697

0.0000

298.6123,
271.8568, 284.7459

■ 0.0000, 0.0000,
0.0000

■ 44.2358, 35.1905,
35.4713

■ 44.2358, 35.1905,
35.4713

■ 40.1190, 29.0859,
27.5353

■ 49.1920, 42.6509,
44.6824

■ 36.7912, 24.2502,
20.8152

■ 55.0285, 51.5368,
55.2201

■ 34.2008, 20.5947,
15.2498

■ 61.7869, 61.9194,
67.1355

■ 32.2888, 18.0166,
10.7716

■ 69.5053, 73.8632,
80.4764

■ 30.9865, 16.3954,
7.3055

■ 78.2196, 87.4295,
95.2882

■ 30.1980, 15.5584,
4.7618

■ 83.3253, 93.9557,
108.3513

■ 30.0858, 15.4439,
4.3850

Harmonies

Analogous

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



43.2749, 35.1905, 51.0121



44.2358, 35.1905, 35.4713



42.0761, 35.1905, 24.0270

Triad

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



44.2358, 35.1905, 35.4713



27.9918, 35.1905, 19.7096



29.5888, 35.1905, 70.2889

Complementary

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



44.2358, 35.1905, 35.4713



46.2908, 60.6387, 64.5262

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.



26.0874, 35.1905, 57.3779



44.2358, 35.1905, 35.4713



25.2334, 35.1905, 27.9241

Square

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



44.2358, 35.1905, 35.4713



32.4387, 35.1905, 16.5451



24.5735, 35.1905, 41.3099



34.4770, 35.1905, 73.7935

Rectangle

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



44.2358, 35.1905, 35.4713



39.2752, 35.1905, 19.3718



24.5735, 35.1905, 41.3099



28.2268, 35.1905, 66.7688

Sweetspot

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



44.2368, 35.1922, 35.4720



83.4454, 82.0708, 88.7540



45.6501, 35.1120, 72.0817



17.5791, 17.1333, 18.5018



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.



44.2368, 35.1922, 35.4720



57.0069, 42.0395, 40.3395



46.2556, 41.5853, 28.8835



13.1760, 13.0995, 14.1883



17.6919, 9.0778, 2.7578



1.1791, 0.6013, 0.3520

Inverse Universe

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



44.2368, 35.1922, 35.4720



57.0069, 42.0395, 40.3395



43.1758, 50.6084, 75.2033



13.1760, 13.0995, 14.1883



17.6919, 9.0778, 2.7578



1.1791, 0.6013, 0.3520

Previews

White Background



This preview shows how the XYZ color 44.2358, 35.1905, 35.4713 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 44.2358, 35.1905, 35.4713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

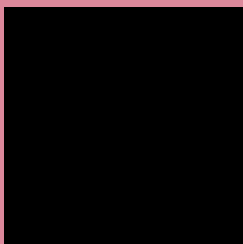
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.2358, 35.1905, 35.4713

Background



This preview shows how black text looks on a background with the XYZ color 44.2358, 35.1905, 35.4713.



This preview shows how white text looks on a background with the XYZ color 44.2358, 35.1905,

35.4713.

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

44.2358, 35.1905, 35.4713

Protanopia

34.4302, 35.5833, 42.5897

Deuteranopia

35.9792, 35.2934, 34.6218



Tritanopia

43.5044, 35.0895, 32.4970

Trichromacy



Original Color

44.2358, 35.1905, 35.4713

Protanomaly

37.0589, 34.7586, 39.8778

Deuteranomaly

38.5878, 34.9491, 34.8490

Tritanomaly

43.7450, 35.1858, 33.7641

Monochromacy



Original Color

44.2358, 35.1905, 35.4713

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

37.5036, 35.5109, 38.1353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2358, 35.1905, 35.4713 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(220, 136, 155)` looks like.

```
.text, #text, p{  
    color:rgb(220, 136, 155)  
}
```

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(220, 136, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 136, 155) }
```

Border

The CSS property to change the border of an element to XYZ 44.2358, 35.1905, 35.4713 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(220, 136, 155) }
```


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

```
.border{ border-color:rgb(220, 136, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 136, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 136, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 136, 155); box-shadow:4px 4px 4px 4px rgb(220, 136, 155) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2358, 35.1905, 35.4713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 136, 155) }
```

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

```
.background{ background-color: rgb(220,  
136, 155) }
```

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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