

Converting Colors

XYZ(35.1758, 20.9342, 28.8462)

Have a look what the booklet for
XYZ(35.1758, 20.9342, 28.8462)
contains.

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Color

**XYZ(35.0956, 20.8470,
28.9622)**

Conversions

Conversions Part 1

Format	Color
Hex	D64791
RGB	214, 71, 145
RGB Percent	84%, 28%, 57%
CMY	0.1608, 0.7215, 0.4314
CMYK	0.00, 0.67, 0.32, 0.16
HSL	329°, 64%, 56%
HSV	329°, 67%, 84%
XYZ	35.0956, 20.8470, 28.9622
YIQ	122.1930, 61.4740, 53.3300

Conversions

Conversions Part 2

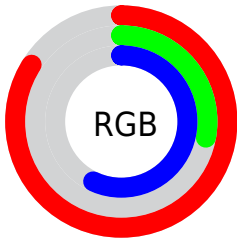
Format	Color
R_{YB}	214, 71, 145
Decimal	14043025
CIE _{Lab}	52.78, 62.24, -10.03
CIE _{LCh}	53, 63.039, 350.841
Yxy	20.8470, 0.4134, 0.2455
Android (android.graphics.Color)	4292233105 (0xFFD64791)
YUV	122.1930, 11.2439, 80.5147
Hunter-Lab	45.6585, 57.3023, -5.6480

Details

The XYZ color **35.0956, 20.8470, 28.9622** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **31.3800, 51.3267, 33.0674**, and the grayscale version is **18.5132, 19.4774, 21.2108**.

A 20% lighter version of the original color is **59.2680, 40.8219, 58.7885**, and **15.5831, 7.7948, 11.5097** is the 20% darker color. If you saturate the color by 10%, you get **33.2057, 18.2841, 24.5806**, and if you desaturate by 10%, it is **37.5381, 24.3990, 33.8855**.

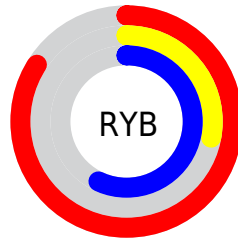
Distribution



Red (84%)

Green (28%)

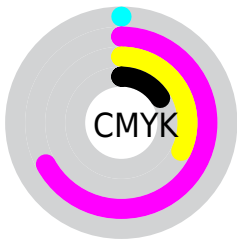
Blue (57%)



Red (84%)

Yellow (28%)

Blue (57%)

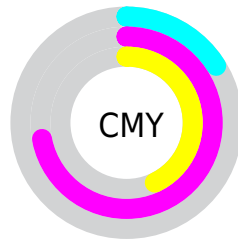


Cyan (0%)

Magenta (67%)

Yellow (32%)

Black (16%)



Cyan (16%)


Magenta (72%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0956, 20.8470, 28.9622 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 35.0956, 20.8470, 28.9622 by changing the saturation by 10% instead.

 35.0956, 20.8470,
28.9622

 35.0956, 20.8470,
28.9622


316.4907,
256.4643, 311.0919


 23.9034, 13.0122,
18.8069


 66.9669, 44.8328,
59.0585


 15.3863, 7.4370,
11.3554


 88.3767, 61.7525,
79.8366


 9.1790, 3.7368,
6.1893


 113.9230, 82.4694,
104.9926

 4.9162, 1.5275,
2.8899

 143.9713,
107.3678, 134.9452

 2.2324, 0.3079,
1.0387

 178.8868,
136.8321, 170.1129

 0.7597, 0.0000,
0.0000

219.0350,

 0.0000, 0.0000,

171.2466, 210.9143

0.0000

264.7812,
210.9959, 257.7677

■ 35.0956, 20.8470,
28.9622

■ 35.0956, 20.8470,
28.9622

■ 33.2057, 18.2841,
24.5806

■ 37.5381, 24.3990,
33.8855

■ 31.8119, 16.6006,
20.7118

■ 40.5785, 29.0282,
39.3742

■ 30.8439, 15.6593,
17.3228

■ 44.2592, 34.8162,
45.4513

■ 30.5862, 15.4380,
16.3304

■ 48.6180, 41.8362,
52.1380

■ 53.6897, 50.1549,
59.4540

■ 59.5067, 59.8344,
67.4181

■ 66.0991, 70.9328,
76.0482

■ 73.4957, 83.5047,
85.3611

■ 78.9151, 91.9856,
94.4372

Harmonies

Analogous

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



31.3197, 20.8470, 54.0893



35.0956, 20.8470, 28.9622



34.1299, 20.8470, 12.1024

Triad

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



35.0956, 20.8470, 28.9622



15.6492, 20.8470, 2.8922



12.8566, 20.8470, 63.9259

Complementary

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



35.0956, 20.8470, 28.9622



31.3800, 51.3267, 33.0674

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.



10.1938, 20.8470, 38.1665



35.0956, 20.8470, 28.9622



11.5409, 20.8470, 6.6548

Square

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



35.0956, 20.8470, 28.9622



21.8953, 20.8470, 2.4357



9.7722, 20.8470, 17.4106



17.8698, 20.8470, 80.4718

Rectangle

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



35.0956, 20.8470, 28.9622



30.9973, 20.8470, 6.3021



9.7722, 20.8470, 17.4106



11.7080, 20.8470, 55.5542

Sweetspot

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



35.0962, 20.8481, 28.9626



77.1707, 70.1809, 84.6295



24.8293, 14.7436, 65.1554



16.0582, 14.2677, 17.4520



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.



35.0962, 20.8481, 28.9626



48.4722, 26.0470, 34.1749



31.2820, 19.3224, 8.8775



12.6889, 12.5270, 14.3019



18.5403, 9.3524, 10.1493



1.1600, 0.5808, 0.8320

Inverse Universe

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



35.0962, 20.8481, 28.9626



48.4722, 26.0470, 34.1749



38.1833, 54.0480, 68.8931



12.6889, 12.5270, 14.3019



18.5403, 9.3524, 10.1493



1.1600, 0.5808, 0.8320

Previews

White Background



This preview shows how the XYZ color 35.0956, 20.8470, 28.9622 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 35.0956, 20.8470, 28.9622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

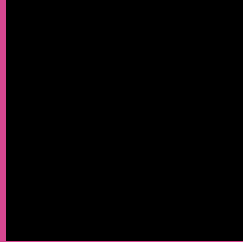
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.0956, 20.8470, 28.9622

Background



This preview shows how black text looks on a background with the XYZ color 35.0956, 20.8470, 28.9622.



This preview shows how white text looks on a background with the XYZ color 35.0956, 20.8470,

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

35.0956, 20.8470, 28.9622

Protanopia

21.9615, 21.2328, 47.1968

Deuteranopia

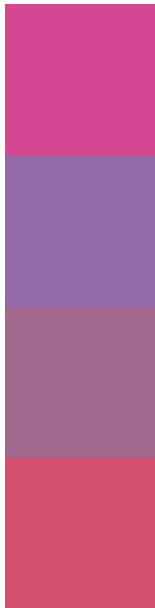
21.5019, 21.0692, 26.9783



Tritanopia

31.6723, 20.9368, 12.0448

Trichromacy



Original Color

35.0956, 20.8470, 28.9622

Protanomaly

24.2456, 19.1708, 39.9586

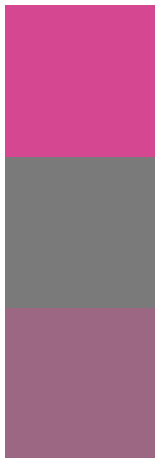
Deuteranomaly

24.8623, 19.6102, 27.6741

Tritanomaly

32.5471, 20.7120, 17.0342

Monochromacy



Original Color

35.0956, 20.8470, 28.9622

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

22.3971, 18.2808, 23.4672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0956, 20.8470, 28.9622 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(214, 71, 145)` looks like.

```
.text, #text, p{  
    color:rgb(214, 71, 145)  
}
```

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(214, 71, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 71, 145) }
```

Border

The CSS property to change the border of an element to XYZ 35.0956, 20.8470, 28.9622 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(214, 71, 145) }
```


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

```
.border{ border-color:rgb(214, 71, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 71, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 71, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 71, 145);  
box-shadow:4px 4px 4px 4px rgb(214, 71,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0956, 20.8470, 28.9622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 71, 145) }
```

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

```
.background{ background-color: rgb(214, 71,  
145) }
```

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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