

Converting Colors

XYZ(35.8807, 20.7337, 35.8291)

Have a look what the booklet for
XYZ(35.8807, 20.7337, 35.8291)
contains.

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Color

**XYZ(35.8807, 20.7337,
35.8291)**

Conversions

Conversions Part 1

Format	Color
Hex	D543A1
RGB	213, 67, 161
RGB Percent	84%, 26%, 63%
CMY	0.1647, 0.7372, 0.3686
CMYK	0.00, 0.69, 0.24, 0.16
HSL	321°, 63%, 55%
HSV	321°, 69%, 84%
XYZ	35.8807, 20.7337, 35.8291
YIQ	121.3700, 56.8420, 60.1860

Conversions

Conversions Part 2

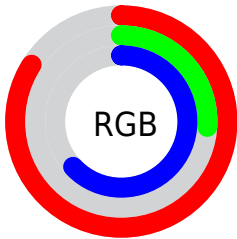
Format	Color
R_{YB}	213, 67, 161
Decimal	13976481
CIE _{Lab}	52.66, 65.43, -19.70
CIE _{LCh}	53, 68.331, 343.241
Yxy	20.7337, 0.3881, 0.2243
Android (android.graphics.Color)	4292166561 (0xFFD543A1)
YUV	121.3700, 19.5376, 80.3595
Hunter-Lab	45.5343, 60.9718, -14.7789

Details

The XYZ color **35.8807, 20.7337, 35.8291** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **29.4399, 50.1143, 25.5769**, and the grayscale version is **18.2207, 19.1696, 20.8757**.

A 20% lighter version of the original color is **60.9683, 40.8851, 69.6440**, and **16.0867, 7.9742, 15.1593** is the 20% darker color. If you saturate the color by 10%, you get **34.1903, 18.3911, 32.0643**, and if you desaturate by 10%, it is **38.0785, 24.0255, 39.9637**.

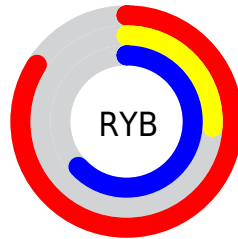
Distribution



Red (84%)

Green (26%)

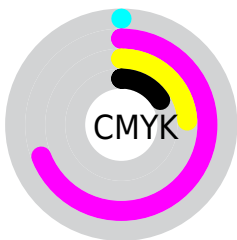
Blue (63%)



Red (84%)

Yellow (26%)

Blue (63%)

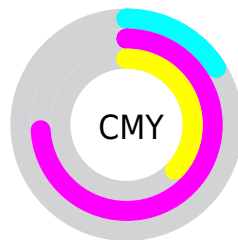


Cyan (0%)

Magenta (69%)

Yellow (24%)

Black (16%)



Cyan (16%)


Magenta (74%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8807, 20.7337, 35.8291 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 35.8807, 20.7337, 35.8291 by changing the saturation by 10% instead.

 35.8807, 20.7337,
35.8291


 35.8807, 20.7337,
35.8291


319.8791,
255.8599, 343.2277


 24.5118, 12.9295,
24.0136


 68.1730, 44.6439,
69.9343


 15.8405, 7.3800,
15.1314


 89.8270, 61.5187,
93.0610


 9.5015, 3.7009,
8.7640


 115.6401, 82.1858,
120.7953

 5.1294, 1.5077,
4.4929

 145.9776,
107.0296, 153.5555

 2.3589, 0.2941,
1.8994

 181.2049,
136.4345, 191.7604

 0.8246, 0.0000,
0.4924

221.6874,

 0.0000, 0.0000,

170.7850, 235.8283

0.0000

267.7903,
210.4653, 286.1779

■ 35.8807, 20.7337,
35.8291

■ 35.8807, 20.7337,
35.8291

■ 34.1903, 18.3911,
32.0643

■ 38.0785, 24.0255,
39.9637

■ 32.9506, 16.8863,
28.6463

■ 40.8281, 28.3553,
44.4858

■ 32.0792, 16.0556,
25.5444

■ 44.1713, 33.8050,
49.4129

■ 31.9655, 15.9561,
25.1120

■ 48.1451, 40.4475,
54.7605

■ 52.7831, 48.3494,
60.5431

■ 58.1169, 57.5725,
66.7743

■ 64.1758, 68.1744,
73.4669

■ 70.9872, 80.2093,
80.6331

■ 77.3827, 91.3390,
87.8862

Harmonies

Analogous

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



30.6158, 20.7337, 64.7106



35.8807, 20.7337, 35.8291



36.2051, 20.7337, 14.7528

Triad

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



35.8807, 20.7337, 35.8291



16.7426, 20.7337, 1.8982



11.3413, 20.7337, 61.3456

Complementary

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



35.8807, 20.7337, 35.8291



29.4399, 50.1143, 25.5769

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.



9.1816, 20.7337, 32.7660



35.8807, 20.7337, 35.8291



11.7563, 20.7337, 4.3930

Square

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



35.8807, 20.7337, 35.8291



23.9109, 20.7337, 2.0200



9.3126, 20.7337, 13.0747



16.0268, 20.7337, 84.5134

Rectangle

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



35.8807, 20.7337, 35.8291



33.4708, 20.7337, 7.2110



9.3126, 20.7337, 13.0747



10.3525, 20.7337, 51.5021

Sweetspot

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



35.8813, 20.7348, 35.8295



77.3613, 69.2953, 88.5987



21.5036, 12.6785, 64.2646



16.1367, 14.1124, 18.4412



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.



35.8813, 20.7348, 35.8295



50.5046, 26.5228, 45.9169



31.2476, 18.8813, 11.4284



12.7565, 12.5541, 14.6580



19.5762, 9.7668, 15.6041



1.2195, 0.6046, 1.1454

Inverse Universe

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



35.8813, 20.7348, 35.8295



50.5046, 26.5228, 45.9169



35.5248, 52.5482, 57.6192



12.7565, 12.5541, 14.6580



19.5762, 9.7668, 15.6041



1.2195, 0.6046, 1.1454

Previews

White Background



This preview shows how the XYZ color 35.8807, 20.7337, 35.8291 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 35.8807, 20.7337, 35.8291 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 35.8807, 20.7337, 35.8291

Background



This preview shows how black text looks on a background with the XYZ color 35.8807, 20.7337, 35.8291.



This preview shows how white text looks on a background with the XYZ color 35.8807, 20.7337,

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

35.8807, 20.7337, 35.8291

Protanopia

22.8260, 21.2078, 60.0172

Deuteranopia

21.2902, 20.8258, 33.0347



Tritanopia

30.9917, 20.6937, 12.4861

Trichromacy



Original Color

35.8807, 20.7337, 35.8291



Protanomaly

24.4086, 18.7346, 49.9066



Deuteranomaly

24.7556, 19.2689, 33.8670



Tritanomaly

32.3014, 20.4316, 19.0708

Monochromacy



Original Color

35.8807, 20.7337, 35.8291



Achromatopsia

18.1737, 19.1202, 20.8219



Achromatomaly

22.4240, 17.9550, 25.5763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8807, 20.7337, 35.8291 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(213, 67, 161)` looks like.

```
.text, #text, p{  
    color:rgb(213, 67, 161)  
}
```

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(213, 67, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 67, 161) }
```

Border

The CSS property to change the border of an element to XYZ 35.8807, 20.7337, 35.8291 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(213, 67, 161) }
```


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

```
.border{ border-color:rgb(213, 67, 161) }
```

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

Here you see how a box with a 4 pixel rgb(213, 67, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 67, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 67, 161);  
box-shadow:4px 4px 4px 4px rgb(213, 67,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8807, 20.7337, 35.8291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 67, 161) }
```

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

```
.background{ background-color: rgb(213, 67,  
161) }
```

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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