

Converting Colors

XYZ(35.5213, 21.2253, 17.2841)

Have a look what the booklet for
XYZ(35.5213, 21.2253, 17.2841)
contains.

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Color

**XYZ(35.4908, 21.2160,
17.2634)**

Conversions

Conversions Part 1

Format	Color
Hex	DF466F
RGB	223, 70, 111
RGB Percent	87%, 27%, 44%
CMY	0.1255, 0.7255, 0.5647
CMYK	0.00, 0.69, 0.50, 0.13
HSL	344°, 71%, 57%
HSV	344°, 69%, 87%
XYZ	35.4908, 21.2160, 17.2634
YIQ	120.4210, 78.0270, 45.1870

Conversions

Conversions Part 2

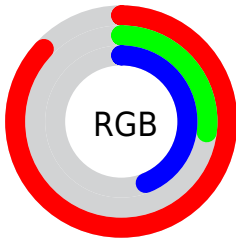
Format	Color
R _Y B	223, 70, 111
Decimal	14632559
CIE Lab	53.19, 61.84, 11.04
CIE LCh	53, 62.815, 10.120
Yxy	21.2160, 0.4798, 0.2868
Android (android.graphics.Color)	4292822639 (0xFFDF466F)
YUV	120.4210, -4.6446, 89.9618
Hunter-Lab	46.0608, 56.9314, 10.0209

Details

The XYZ color **35.4908, 21.2160, 17.2634** 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 **37.3585, 57.4554, 53.3820**, and the grayscale version is **17.9856, 18.9222, 20.6063**.

A 20% lighter version of the original color is **55.4808, 39.3070, 38.8453**, and **15.8257, 8.0515, 5.5705** is the 20% darker color. If you saturate the color by 10%, you get **33.5272, 18.5985, 12.5720**, and if you desaturate by 10%, it is **38.1374, 24.9368, 22.9933**.

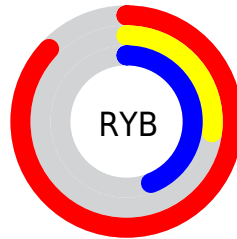
Distribution



Red (87%)

Green (27%)

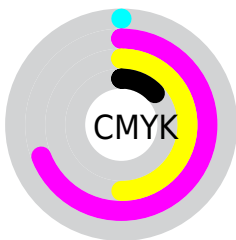
Blue (44%)



Red (87%)

Yellow (27%)

Blue (44%)

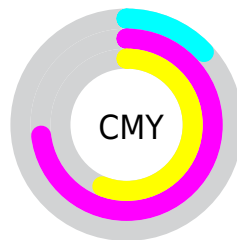


Cyan (0%)

Magenta (69%)

Yellow (50%)

Black (13%)



Cyan (13%)


Magenta (73%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4908, 21.2160, 17.2634 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 35.4908, 21.2160, 17.2634 by changing the saturation by 10% instead.


 35.4908, 21.2160,
17.2634


 35.4908, 21.2160,
17.2634


318.1996,
258.4242, 248.7809


 24.2095, 13.2820,
10.2585


 67.5744, 45.4467,
39.5749


 15.6147, 7.6230,
5.4629


 89.1074, 62.5123,
55.7187


 9.3410, 3.8547,
2.4579


 114.7884, 83.3904,
75.7458

 5.0232, 1.5926,
0.8177

 144.9826,
108.4655, 100.0748

 2.2958, 0.3526,
0.0000

 180.0555,
138.1221, 129.1243

 0.7925, 0.0000,
0.0000

220.3724,

 0.0000, 0.0000,

172.7445, 163.3128

0.0000

266.2986,
212.7170, 203.0588

■ 35.4908, 21.2160,
17.2634

■ 35.4908, 21.2160,
17.2634

■ 33.5272, 18.5985,
12.5720

■ 38.1374, 24.9368,
22.9933

■ 32.1755, 16.9559,
8.8507

■ 41.5250, 29.8636,
29.8214


■ 31.3352, 16.1035,
6.0177


■ 45.7072, 36.0909,
37.8038


■ 31.2403, 16.0115,
5.6841


■ 50.7319, 43.7030,
46.9923

■ 56.6430, 52.7770,
57.4353

 63.4816, 63.3843,
69.1786

 71.2859, 75.5917,
82.2655

 80.0920, 89.4618,
96.7376

 84.2413, 94.4279,
108.3942

Harmonies

Analogous

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



34.6790, 21.2160, 37.8658



35.4908, 21.2160, 17.2634



31.5635, 21.2160, 6.6615

Triad

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



35.4908, 21.2160, 17.2634



13.0180, 21.2160, 4.9229



16.1349, 21.2160, 77.2212

Complementary

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



35.4908, 21.2160, 17.2634



37.3585, 57.4554, 53.3820

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.



11.9061, 21.2160, 55.4996



35.4908, 21.2160, 17.2634



10.3988, 21.2160, 12.7801

Square

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



35.4908, 21.2160, 17.2634



18.0081, 21.2160, 2.5802



10.0421, 21.2160, 30.1244



22.4880, 21.2160, 80.8703

Rectangle

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



35.4908, 21.2160, 17.2634



27.2030, 21.2160, 3.7067



10.0421, 21.2160, 30.1244



14.4597, 21.2160, 71.3909

Sweetspot

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



35.4913, 21.2172, 17.2638



74.6002, 68.1908, 74.0589



34.2516, 19.3709, 71.7454



15.4829, 13.8508, 14.9982



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.



35.4913, 21.2172, 17.2638



44.6076, 24.1640, 14.8636



36.4031, 25.8621, 8.8693



13.8573, 13.7606, 15.0187



18.4092, 9.4307, 3.5544



1.3128, 0.6684, 0.4400

Inverse Universe

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



35.4913, 21.2172, 17.2638



44.6076, 24.1640, 14.8636



34.2271, 43.3929, 76.3834



13.8573, 13.7606, 15.0187



18.4092, 9.4307, 3.5544



1.3128, 0.6684, 0.4400

Previews

White Background



This preview shows how the XYZ color 35.4908, 21.2160, 17.2634 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 35.4908, 21.2160, 17.2634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

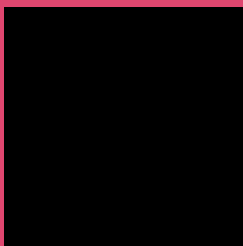
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.4908, 21.2160, 17.2634

Background



This preview shows how black text looks on a background with the XYZ color 35.4908, 21.2160, 17.2634.



This preview shows how white text looks on a background with the XYZ color 35.4908, 21.2160,

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

35.4908, 21.2160, 17.2634

Protanopia

21.0013, 21.5375, 28.2496

Deuteranopia

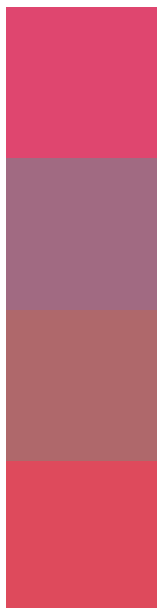
21.7944, 21.4613, 16.0905



Tritanopia

33.8884, 21.1351, 10.0779

Trichromacy



Original Color

35.4908, 21.2160, 17.2634

Protanomaly

23.8812, 19.4968, 23.6237

Deuteranomaly

25.2834, 20.0761, 16.4524

Tritanomaly

34.5047, 21.1999, 12.3986

Monochromacy



Original Color

35.4908, 21.2160, 17.2634

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

21.8669, 17.9552, 19.1428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4908, 21.2160, 17.2634 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(223, 70, 111)` looks like.

```
.text, #text, p{  
    color:rgb(223, 70, 111)  
}
```

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(223, 70, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 70, 111) }
```

Border

The CSS property to change the border of an element to XYZ 35.4908, 21.2160, 17.2634 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(223, 70, 111) }
```


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

```
.border{ border-color:rgb(223, 70, 111) }
```

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

Here you see how a box with a 4 pixel rgb(223, 70, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 70, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 70, 111);  
box-shadow:4px 4px 4px 4px rgb(223, 70,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4908, 21.2160, 17.2634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 70, 111) }
```

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

```
.background{ background-color: rgb(223, 70,  
111) }
```

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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