

Converting Colors

XYZ(35.2725, 21.6887, 17.3662)

Have a look what the booklet for
XYZ(35.2725, 21.6887, 17.3662)
contains.

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Color

**XYZ(35.2725, 21.6887,
17.3662)**

Conversions

Conversions Part 1

Format	Color
Hex	DD4C6F
RGB	221, 76, 111
RGB Percent	87%, 30%, 44%
CMY	0.1333, 0.7019, 0.5647
CMYK	0.00, 0.66, 0.50, 0.13
HSL	346°, 68%, 58%
HSV	346°, 66%, 87%
XYZ	35.2725, 21.6887, 17.3662
YIQ	123.3450, 75.1850, 41.6250

Conversions

Conversions Part 2

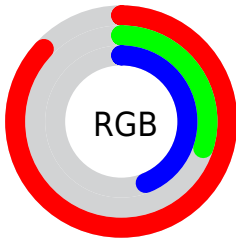
Format	Color
R_{YB}	221, 76, 111
Decimal	14503023
CIE Lab	53.70, 58.90, 11.70
CIE LCh	54, 60.051, 11.237
Yxy	21.6887, 0.4746, 0.2918
Android (android.graphics.Color)	4292693103 (0xFFDD4C6F)
YUV	123.3450, -6.0861, 85.6434
Hunter-Lab	46.5711, 53.6946, 10.4908

Details

The XYZ color **35.2725, 21.6887, 17.3662** 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 **37.7013, 56.7952, 55.4343**, and the grayscale version is **18.9438, 19.9303, 21.7041**.

A 20% lighter version of the original color is **56.0129, 40.3712, 39.0226**, and **15.4226, 7.8437, 5.5516** is the 20% darker color. If you saturate the color by 10%, you get **33.1646, 18.8143, 12.5284**, and if you desaturate by 10%, it is **38.0776, 25.6802, 23.2916**.

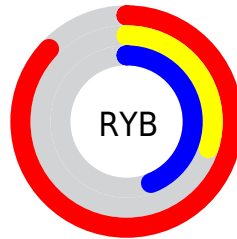
Distribution



Red (87%)

Green (30%)

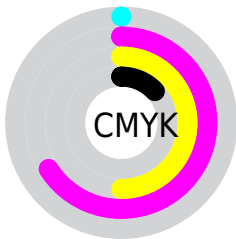
Blue (44%)



Red (87%)

Yellow (30%)

Blue (44%)

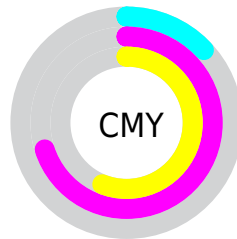


Cyan (0%)

Magenta (66%)

Yellow (50%)

Black (13%)



Cyan (13%)


Magenta (70%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2725, 21.6887, 17.3662 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 35.2725, 21.6887, 17.3662 by changing the saturation by 10% instead.


 35.2725, 21.6887,
17.3662


 35.2725, 21.6887,
17.3662


317.2565,
260.9163, 249.3889


 24.0404, 13.6283,
10.3312


 67.2389, 46.2309,
39.7536


 15.4885, 7.8626,
5.5106


 88.7040, 63.4816,
55.9431


 9.2515, 4.0072,
2.4860


 114.3106, 84.5645,
76.0211

 4.9640, 1.6776,
0.8327

 144.4243,
109.8640, 100.4063

 2.2607, 0.4091,
0.0000

 179.4104,
139.7646, 129.5171

 0.7744, 0.0000,
0.0000

219.6342,

 0.0000, 0.0000,

174.6505, 163.7721

0.0000

265.4611,
214.9063, 203.5899

■ 35.2725, 21.6887,
17.3662

■ 35.2725, 21.6887,
17.3662

■ 33.1646, 18.8143,
12.5284

■ 38.0776, 25.6802,
23.2916

■ 31.6863, 16.9373,
8.7073

■ 41.6352, 30.8853,
30.3668

■ 30.7584, 15.9166,
5.8239

■ 45.9972, 37.3939,
38.6504

■ 30.4691, 15.6323,
4.8202

■ 51.2100, 45.2865,
48.1964

■ 57.3164, 54.6371,
59.0557

■ 64.3564, 65.5144,
71.2761

■ 72.3675, 77.9826,
84.9030

■ 81.3852, 92.1024,
99.9798

■ 83.6287, 94.1121,
108.3655

Harmonies

Analogous

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



34.6751, 21.6887, 36.9321



35.2725, 21.6887, 17.3662



31.3783, 21.6887, 7.1212

Triad

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



35.2725, 21.6887, 17.3662



13.4921, 21.6887, 5.7433



16.8882, 21.6887, 75.5031

Complementary

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



35.2725, 21.6887, 17.3662



37.7013, 56.7952, 55.4343

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.



12.6455, 21.6887, 55.4852



35.2725, 21.6887, 17.3662



10.9849, 21.6887, 13.9597

Square

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



35.2725, 21.6887, 17.3662



18.2981, 21.6887, 3.1296



10.7111, 21.6887, 31.2081



23.1185, 21.6887, 78.1438

Rectangle

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



35.2725, 21.6887, 17.3662



27.1536, 21.6887, 4.1900



10.7111, 21.6887, 31.2081



15.2197, 21.6887, 70.2336

Sweetspot

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



35.2731, 21.6899, 17.3666



75.2674, 69.4196, 74.6072



35.5840, 20.6740, 70.5215



15.6057, 14.0867, 15.0692



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.



35.2731, 21.6899, 17.3666



44.9449, 24.8193, 15.0358



36.9461, 27.5391, 10.2073



13.1842, 13.1028, 14.2314



17.7374, 9.0960, 2.9971



1.1831, 0.6029, 0.3730

Inverse Universe

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



35.2731, 21.6899, 17.3666



44.9449, 24.8193, 15.0358



33.3294, 41.3516, 74.6315



13.1842, 13.1028, 14.2314



17.7374, 9.0960, 2.9971



1.1831, 0.6029, 0.3730

Previews

White Background



This preview shows how the XYZ color 35.2725, 21.6887, 17.3662 looks on a white background.

Color Contrast Check

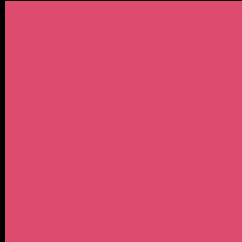
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.2725, 21.6887, 17.3662 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 35.2725, 21.6887, 17.3662

Background



This preview shows how black text looks on a background with the XYZ color 35.2725, 21.6887, 17.3662.



This preview shows how white text looks on a background with the XYZ color 35.2725, 21.6887,

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

35.2725, 21.6887, 17.3662

Protanopia

21.2815, 21.8916, 27.5299

Deuteranopia

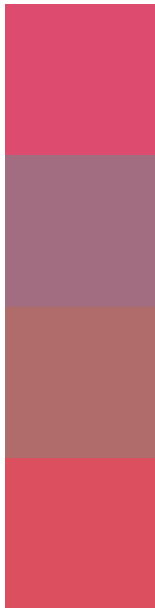
22.2840, 21.8988, 16.1491



Tritanopia

33.8356, 21.6168, 11.1932

Trichromacy



Original Color

35.2725, 21.6887, 17.3662

Protanomaly

24.3314, 20.2036, 23.3862

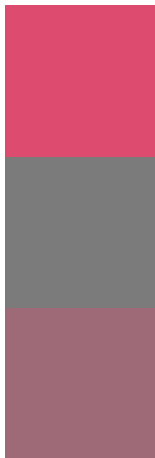
Deuteranomaly

25.8160, 20.8070, 16.5654

Tritanomaly

34.3767, 21.6338, 13.1904

Monochromacy



Original Color

35.2725, 21.6887, 17.3662

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

22.7819, 19.0109, 19.9215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2725, 21.6887, 17.3662 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, 76, 111)` looks like.

```
.text, #text, p{  
    color:rgb(221, 76, 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(221, 76, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 76, 111) }
```

Border

The CSS property to change the border of an element to XYZ 35.2725, 21.6887, 17.3662 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, 76, 111) }
```


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

```
.border{ border-color:rgb(221, 76, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 76, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 76, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 76, 111);  
box-shadow:4px 4px 4px 4px rgb(221, 76,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2725, 21.6887, 17.3662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 76, 111) }
```

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

```
.background{ background-color: rgb(221, 76,  
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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