

Converting Colors

XYZ(36.0406, 21.3233, 25.9893)

Have a look what the booklet for
XYZ(36.0406, 21.3233, 25.9893)
contains.

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Color

**XYZ(35.9189, 21.2465,
25.8748)**

Conversions

Conversions Part 1

Format	Color
Hex	DB4689
RGB	219, 70, 137
RGB Percent	86%, 27%, 54%
CMY	0.1412, 0.7255, 0.4627
CMYK	0.00, 0.68, 0.37, 0.14
HSL	333°, 67%, 57%
HSV	333°, 68%, 86%
XYZ	35.9189, 21.2465, 25.8748
YIQ	122.1890, 67.2970, 52.4250

Conversions

Conversions Part 2

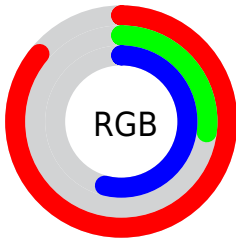
Format	Color
R_{YB}	219, 70, 137
Decimal	14370441
CIE _{Lab}	53.22, 63.14, -4.54
CIE _{LCh}	53, 63.300, 355.888
Yxy	21.2465, 0.4325, 0.2559
Android (android.graphics.Color)	4292560521 (0xFFDB4689)
YUV	122.1890, 7.3018, 84.9032
Hunter-Lab	46.0939, 58.4326, -1.0167

Details

The XYZ color **35.9189, 21.2465, 25.8748** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **33.5261, 54.2327, 38.4102**, and the grayscale version is **18.5230, 19.4876, 21.2220**.

A 20% lighter version of the original color is **58.2534, 40.4160, 53.4460**, and **16.0184, 8.0590, 9.7281** is the 20% darker color. If you saturate the color by 10%, you get **33.9731, 18.6622, 21.1961**, and if you desaturate by 10%, it is **38.4617, 24.8702, 31.2295**.

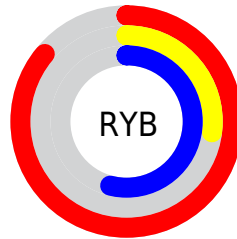
Distribution



Red (86%)

Green (27%)

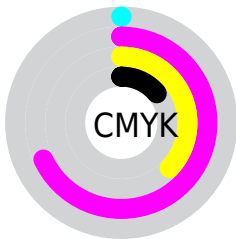
Blue (54%)



Red (86%)

Yellow (27%)

Blue (54%)

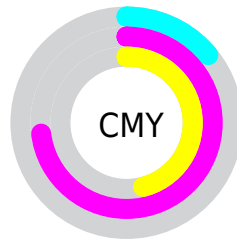


Cyan (0%)

Magenta (68%)

Yellow (37%)

Black (14%)



Cyan (14%)


Magenta (73%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9189, 21.2465, 25.8748 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 35.9189, 21.2465, 25.8748 by changing the saturation by 10% instead.


 35.9189, 21.2465,
25.8748


 35.9189, 21.2465,
25.8748


320.0434,
258.5856, 295.7528

 24.5414, 13.3043,
16.5051


 68.2316, 45.4974,
54.0545


 15.8626, 7.6384,
9.7240


 89.8974, 62.5749,
73.7016


 9.5172, 3.8645,
5.1132


 115.7234, 83.4663,
97.6115

 5.1398, 1.5980,
2.2539

 146.0750,
108.5560, 126.2028

 2.3651, 0.3563,
0.7052

 181.3174,
138.2284, 159.8940

 0.8277, 0.0000,
0.0000

221.8160,

 0.0000, 0.0000,

172.8679, 199.1038

0.0000

267.9362,
212.8588, 244.2505

■ 35.9189, 21.2465,
25.8748

■ 35.9189, 21.2465,
25.8748

■ 33.9731, 18.6622,
21.1961

■ 38.4617, 24.8702,
31.2295

■ 32.5621, 16.9980,
17.1564

■ 41.6516, 29.6286,
37.2911


■ 31.6014, 16.0901,
13.7114


■ 45.5349, 35.6098,
44.0896

■ 31.4403, 15.9508,
13.0937


■ 50.1530, 42.8923,
51.6523

■ 55.5442, 51.5480,
60.0052

 61.7436, 61.6435,
69.1726

 68.7843, 73.2409,
79.1779

 76.6977, 86.3988,
90.0432

 81.5278, 93.2018,
100.4615

Harmonies

Analogous

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



32.8150, 21.2465, 50.5274



35.9189, 21.2465, 25.8748



34.1053, 21.2465, 10.4962

Triad

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



35.9189, 21.2465, 25.8748



15.0859, 21.2465, 3.3060



13.8095, 21.2465, 68.9552

Complementary

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



35.9189, 21.2465, 25.8748



33.5261, 54.2327, 38.4102

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.



10.6974, 21.2465, 43.2159



35.9189, 21.2465, 25.8748



11.3121, 21.2465, 8.0217

Square

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



35.9189, 21.2465, 25.8748



21.1298, 21.2465, 2.4165



9.8955, 21.2465, 20.5936



19.2865, 21.2465, 82.7006

Rectangle

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



35.9189, 21.2465, 25.8748



30.5272, 21.2465, 5.4914



9.8955, 21.2465, 20.5936



12.5036, 21.2465, 60.9067

Sweetspot

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



35.9195, 21.2476, 25.8752



76.6885, 69.9880, 82.0905



27.9172, 16.1669, 68.6669



15.9430, 14.2216, 16.8454



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.



35.9195, 21.2476, 25.8752



46.9407, 25.0972, 27.1498



33.0052, 20.8745, 8.0854



13.2982, 13.1484, 14.8315



18.6961, 9.4795, 8.0458



1.2542, 0.6313, 0.7478

Inverse Universe

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



35.9195, 21.2476, 25.8752



46.9407, 25.0972, 27.1498



38.7438, 53.2793, 75.2597



13.2982, 13.1484, 14.8315



18.6961, 9.4795, 8.0458



1.2542, 0.6313, 0.7478

Previews

White Background



This preview shows how the XYZ color 35.9189, 21.2465, 25.8748 looks on a white background.

Color Contrast Check

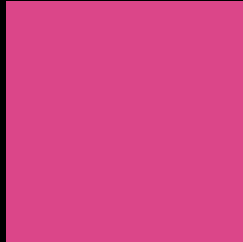
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.9189, 21.2465, 25.8748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

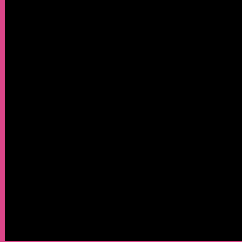
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.9189, 21.2465, 25.8748

Background



This preview shows how black text looks on a background with the XYZ color 35.9189, 21.2465, 25.8748.



This preview shows how white text looks on a background with the XYZ color 35.9189, 21.2465,

25.8748.

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

35.9189, 21.2465, 25.8748

Protanopia

21.9431, 21.5162, 42.5317

Deuteranopia

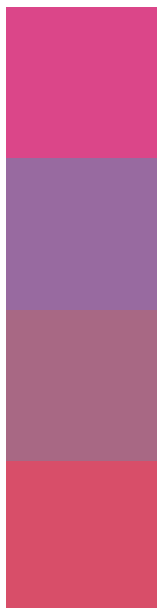
21.8176, 21.4892, 23.7668



Tritanopia

32.7619, 21.1698, 11.3763

Trichromacy



Original Color

35.9189, 21.2465, 25.8748

Protanomaly

24.4481, 19.5215, 35.7372

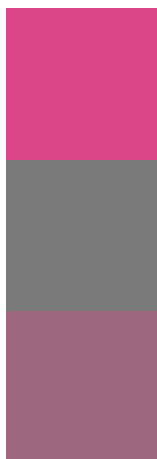
Deuteranomaly

25.2636, 19.8914, 24.3377

Tritanomaly

33.5931, 21.0676, 15.6605

Monochromacy



Original Color

35.9189, 21.2465, 25.8748

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

22.5856, 18.4009, 22.4400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9189, 21.2465, 25.8748 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(219, 70, 137)` looks like.

```
.text, #text, p{  
    color:rgb(219, 70, 137)  
}
```

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(219, 70, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 70, 137) }
```

Border

The CSS property to change the border of an element to XYZ 35.9189, 21.2465, 25.8748 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(219, 70, 137) }
```


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

```
.border{ border-color:rgb(219, 70, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 70, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 70, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 70, 137); box-shadow:4px 4px 4px 4px rgb(219, 70, 137) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9189, 21.2465, 25.8748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 70, 137) }
```

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

```
.background{ background-color: rgb(219, 70,  
137) }
```

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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