

Converting Colors

XYZ(36.6954, 22.6052, 32.0785)

Have a look what the booklet for
XYZ(36.6954, 22.6052, 32.0785)
contains.

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Color

**XYZ(36.6343, 22.5989,
32.1370)**

Conversions

Conversions Part 1

Format	Color
Hex	D75198
RGB	215, 81, 152
RGB Percent	84%, 32%, 60%
CMY	0.1569, 0.6823, 0.4039
CMYK	0.00, 0.62, 0.29, 0.16
HSL	328°, 63%, 58%
HSV	328°, 62%, 84%
XYZ	36.6343, 22.5989, 32.1370
YIQ	129.1600, 57.0730, 50.4890

Conversions

Conversions Part 2

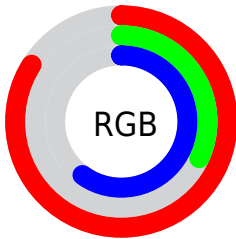
Format	Color
R _Y B	215, 81, 152
Decimal	14111128
CIE Lab	54.66, 59.32, -11.34
CIE LCh	55, 60.395, 349.178
Yxy	22.5989, 0.4009, 0.2473
Android (android.graphics.Color)	4292301208 (0xFFD75198)
YUV	129.1600, 11.2601, 75.2817
Hunter-Lab	47.5383, 54.3649, -6.8046

Details

The XYZ color **36.6343, 22.5989, 32.1370** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **32.7291, 52.3646, 34.7707**, and the grayscale version is **20.8710, 21.9579, 23.9122**.

A 20% lighter version of the original color is **61.3262, 43.6076, 63.5774**, and **16.2032, 8.2954, 13.0591** is the 20% darker color. If you saturate the color by 10%, you get **34.4890, 19.5772, 27.5097**, and if you desaturate by 10%, it is **39.3571, 26.6624, 37.3054**.

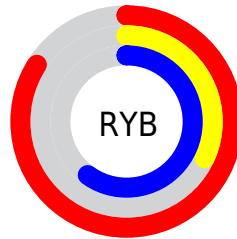
Distribution



Red (84%)

Green (32%)

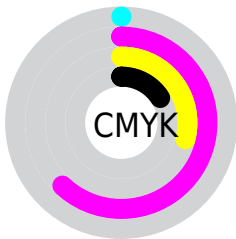
Blue (60%)



Red (84%)

Yellow (32%)

Blue (60%)

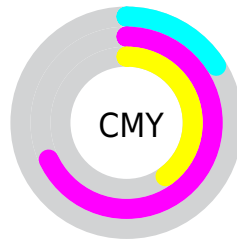


Cyan (0%)

Magenta (62%)

Yellow (29%)

Black (16%)



Cyan (16%)


Magenta (68%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.6343, 22.5989, 32.1370 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 36.6343, 22.5989, 32.1370 by changing the saturation by 10% instead.

 36.6343, 22.5989,
32.1370


 36.6343, 22.5989,
32.1370


323.1076,
265.6581, 326.2548


 25.0968, 14.2976,
21.2005


 69.3275, 47.7339,
64.1262


 16.2783, 8.3280,
13.0780


 91.2139, 65.3364,
86.0160

 9.8134, 4.3055,
7.3509


 117.2807, 86.8080,
112.3939

 5.3367, 1.8459,
3.6007

 147.8932,
112.5333, 143.6785

 2.4829, 0.5155,
1.4090

183.4168,
142.8966, 180.2884

 0.8867, 0.0000,
0.1487

224.2168,

 0.0000, 0.0000,

178.2822, 222.6420

0.0000

270.6587,
219.0746, 271.1580

■ 36.6343, 22.5989,
32.1370

■ 36.6343, 22.5989,
32.1370

■ 34.4890, 19.5772,
27.5097

■ 39.3571, 26.6624,
37.3054

■ 32.8678, 17.4938,
23.3964

■ 42.7004, 31.8512,
43.0369

■ 31.7101, 16.2300,
19.7682

■ 46.7049, 38.2442,
49.3535

■ 31.0568, 15.6601,
17.2796

■ 51.4073, 45.9123,
56.2750

■ 56.8415, 54.9208,
63.8204

■ 63.0391, 65.3304,
72.0075

■ 70.0297, 77.1982,
80.8534

■ 77.8415, 90.5781,
90.3743

■ 79.9589, 92.4369,
98.4051

Harmonies

Analogous

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



32.6734, 22.5989, 57.1208



36.6343, 22.5989, 32.1370



35.9506, 22.5989, 14.4357

Triad

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



36.6343, 22.5989, 32.1370



17.5493, 22.5989, 3.6998



14.1622, 22.5989, 63.9902

Complementary

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



36.6343, 22.5989, 32.1370



32.7291, 52.3646, 34.7707

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.



11.5297, 22.5989, 38.6929



36.6343, 22.5989, 32.1370



13.1880, 22.5989, 7.5984

Square

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



36.6343, 22.5989, 32.1370



23.9692, 22.5989, 3.3230



11.2143, 22.5989, 18.3549



19.1686, 22.5989, 80.8971

Rectangle

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



36.6343, 22.5989, 32.1370



32.9861, 22.5989, 7.9718



11.2143, 22.5989, 18.3549



13.0186, 22.5989, 55.7225

Sweetspot

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



36.6350, 22.6001, 32.1374



78.0407, 71.5066, 86.1970



26.6297, 16.6799, 66.1063



16.2320, 14.5270, 17.7823



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.



36.6350, 22.6001, 32.1374



49.8581, 27.6182, 38.3384



32.6260, 20.9965, 11.0264



12.6955, 12.5297, 14.3365



18.6297, 9.3882, 10.6198



1.1653, 0.5829, 0.8600

Inverse Universe

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



36.6350, 22.6001, 32.1374



49.8581, 27.6182, 38.3384



39.3940, 55.0306, 69.8678



12.6955, 12.5297, 14.3365



18.6297, 9.3882, 10.6198



1.1653, 0.5829, 0.8600

Previews

White Background



This preview shows how the XYZ color 36.6343, 22.5989, 32.1370 looks on a white background.

Color Contrast Check

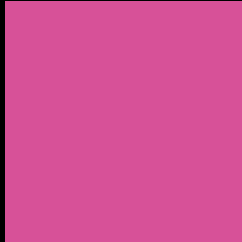
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.6343, 22.5989, 32.1370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

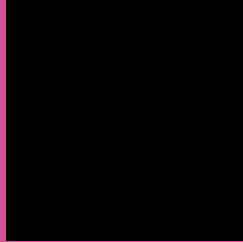
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.6343, 22.5989, 32.1370

Background



This preview shows how black text looks on a background with the XYZ color 36.6343, 22.5989, 32.1370.



This preview shows how white text looks on a background with the XYZ color 36.6343, 22.5989,

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

36.6343, 22.5989, 32.1370

Protanopia

23.6526, 22.8231, 49.6130

Deuteranopia

23.3112, 22.8860, 29.9769



Tritanopia

33.0786, 22.5977, 14.6749

Trichromacy



Original Color

36.6343, 22.5989, 32.1370

Protanomaly

26.1967, 21.2236, 42.7603

Deuteranomaly

26.7556, 21.6140, 30.7787

Tritanomaly

34.0535, 22.4737, 19.9958

Monochromacy



Original Color

36.6343, 22.5989, 32.1370

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

24.8067, 20.8681, 26.3874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6343, 22.5989, 32.1370 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(215, 81, 152)` looks like.

```
.text, #text, p{  
    color:rgb(215, 81, 152)  
}
```

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(215, 81, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 81, 152) }
```

Border

The CSS property to change the border of an element to XYZ 36.6343, 22.5989, 32.1370 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(215, 81, 152) }
```


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

```
.border{ border-color:rgb(215, 81, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 81, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 81, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 81, 152);  
box-shadow:4px 4px 4px 4px rgb(215, 81,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6343, 22.5989, 32.1370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 81, 152) }
```

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

```
.background{ background-color: rgb(215, 81,  
152) }
```

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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