

Converting Colors

XYZ(36.6055, 21.6765, 32.3914)

Have a look what the booklet for
XYZ(36.6055, 21.6765, 32.3914)
contains.

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Color

**XYZ(36.6824, 21.6864,
32.3895)**

Conversions

Conversions Part 1

Format	Color
Hex	D94899
RGB	217, 72, 153
RGB Percent	85%, 28%, 60%
CMY	0.1490, 0.7176, 0.4000
CMYK	0.00, 0.67, 0.29, 0.15
HSL	326°, 66%, 57%
HSV	326°, 67%, 85%
XYZ	36.6824, 21.6864, 32.3895
YIQ	124.5890, 60.4190, 55.9310

Conversions

Conversions Part 2

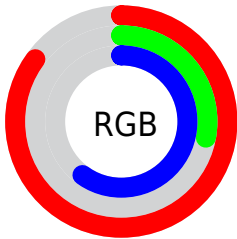
Format	Color
RYB	217, 72, 153
Decimal	14239897
CIELab	53.69, 63.64, -13.35
CIELCh	54, 65.021, 348.152
Yxy	21.6864, 0.4042, 0.2389
Android (android.graphics.Color)	4292429977 (0xFFD94899)
YUV	124.5890, 14.0066, 81.0444
Hunter-Lab	46.5687, 59.1103, -8.6394

Details

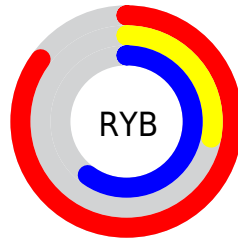
The XYZ color **36.6824, 21.6864, 32.3895** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **31.9306, 52.7816, 31.8007**, and the grayscale version is **19.2966, 20.3015, 22.1083**.

A 20% lighter version of the original color is **60.4851, 41.7303, 63.8983**, and **16.4988, 8.2284, 13.2890** is the 20% darker color. If you saturate the color by 10%, you get **34.7591, 19.0554, 28.0006**, and if you desaturate by 10%, it is **39.1653, 25.3347, 37.2787**.

Distribution



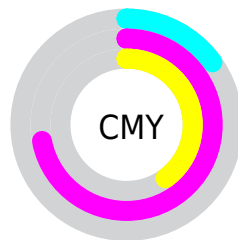
- Red (85%)
- Green (28%)
- Blue (60%)



- Red (85%)
- Yellow (28%)
- Blue (60%)



- Cyan (0%)
- Magenta (67%)
- Yellow (29%)
- Black (15%)





- Cyan (15%)
- Magenta (72%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.6824, 21.6864, 32.3895 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 36.6824, 21.6864, 32.3895 by changing the saturation by 10% instead.

 36.6824, 21.6864,
32.3895


 36.6824, 21.6864,
32.3895


323.3129,
260.9042, 327.4370

 25.1342, 13.6267,
21.3919


 69.4011, 46.2271,
64.5262


 16.3064, 7.8615,
13.2167


 91.3022, 63.4769,
86.5024


 9.8334, 4.0064,
7.4455


 117.3852, 84.5588,
112.9751

 5.3501, 1.6772,
3.6596

 148.0151,
109.8573, 144.3631

 2.4909, 0.4088,
1.4405

 183.5575,
139.7566, 181.0847

 0.8907, 0.0000,
0.1730

224.3777,

 0.0000, 0.0000,

174.6413, 223.5585

0.0000

270.8411,
214.8957, 272.2031

■ 36.6824, 21.6864,
32.3895

■ 36.6824, 21.6864,
32.3895

■ 34.7591, 19.0554,
28.0006

■ 39.1653, 25.3347,
37.2787

■ 33.3373, 17.3283,
24.0847

■ 42.2543, 30.0913,
42.6902

■ 32.3452, 16.3637,
20.6105

■ 45.9927, 36.0405,
48.6454

■ 32.0797, 16.1375,
19.5826

■ 50.4192, 43.2578,
55.1640

■ 55.5695, 51.8121,
62.2641

■ 61.4766, 61.7676,
69.9632

■ 68.1713, 73.1841,
78.2776

■ 75.6830, 86.1179,
87.2229

■ 79.9858, 92.5159,
95.4632

Harmonies

Analogous

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



32.2766, 21.6864, 59.5292



36.6824, 21.6864, 32.3895



36.1257, 21.6864, 13.5708

Triad

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



36.6824, 21.6864, 32.3895



16.7173, 21.6864, 2.7074



12.9102, 21.6864, 65.2235

Complementary

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



36.6824, 21.6864, 32.3895



31.9306, 52.7816, 31.8007

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.



10.3305, 21.6864, 37.6812



36.6824, 21.6864, 32.3895



12.1631, 21.6864, 6.1607

Square

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



36.6824, 21.6864, 32.3895



23.4842, 21.6864, 2.4580



10.0920, 21.6864, 16.5848



17.9846, 21.6864, 84.5032

Rectangle

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



36.6824, 21.6864, 32.3895



33.0305, 21.6864, 6.9667



10.0920, 21.6864, 16.5848



11.7770, 21.6864, 56.0901

Sweetspot

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



36.6830, 21.6875, 32.3899



77.4678, 70.2997, 86.1944



24.8080, 14.7831, 67.1916



16.1294, 14.2962, 17.8268



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.



36.6830, 21.6875, 32.3899



49.2111, 26.3426, 38.0661



32.4439, 19.9919, 10.0668



13.3590, 13.1727, 15.1520



19.4733, 9.7904, 12.1386



1.3047, 0.6515, 1.0133

Inverse Universe

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



36.6830, 21.6875, 32.3899



49.2111, 26.3426, 38.0661



38.7894, 55.5252, 67.9188



13.3590, 13.1727, 15.1520



19.4733, 9.7904, 12.1386



1.3047, 0.6515, 1.0133

Previews

White Background



This preview shows how the XYZ color 36.6824, 21.6864, 32.3895 looks on a white background.

Color Contrast Check

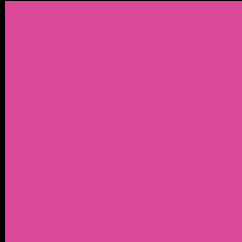
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.6824, 21.6864, 32.3895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

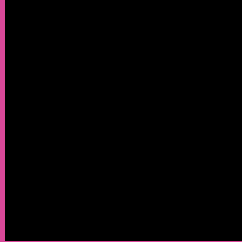
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.6824, 21.6864, 32.3895

Background



This preview shows how black text looks on a background with the XYZ color 36.6824, 21.6864, 32.3895.



This preview shows how white text looks on a background with the XYZ color 36.6824, 21.6864,

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

36.6824, 21.6864, 32.3895

Protanopia

23.1672, 22.1103, 52.9158

Deuteranopia

22.2760, 21.7799, 29.8179



Tritanopia

32.5354, 21.6038, 12.8111

Trichromacy



Original Color

36.6824, 21.6864, 32.3895

Protanomaly

25.3262, 19.9328, 44.6321

Deuteranomaly

25.8092, 20.3387, 30.5824

Tritanomaly

33.8434, 21.5685, 18.5991

Monochromacy



Original Color

36.6824, 21.6864, 32.3895

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

23.6278, 19.3264, 25.4067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6824, 21.6864, 32.3895 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(217, 72, 153)` looks like.

```
.text, #text, p{  
    color:rgb(217, 72, 153)  
}
```

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(217, 72, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 72, 153) }
```

Border

The CSS property to change the border of an element to XYZ 36.6824, 21.6864, 32.3895 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(217, 72, 153) }
```


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

```
.border{ border-color:rgb(217, 72, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 72, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 72, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 72, 153);  
box-shadow:4px 4px 4px 4px rgb(217, 72,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6824, 21.6864, 32.3895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 72, 153) }
```

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

```
.background{ background-color: rgb(217, 72,  
153) }
```

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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