

Converting Colors

$Y_{xy}(32.3888, 0.3673, 0.2521)$

Have a look what the booklet for
Yxy(32.3888, 0.3673, 0.2521)
contains.

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Color

Yxy(32.5452, 0.3673, 0.2521)

Conversions

Conversions Part 1

Format	Color
Hex	E673B8
RGB	230, 115, 184
RGB Percent	90%, 45%, 72%
CMY	0.0980, 0.5490, 0.2784
CMYK	0.00, 0.50, 0.20, 0.10
HSL	324°, 70%, 68%
HSV	324°, 50%, 90%
XYZ	47.4171, 32.5452, 49.1341
YIQ	157.2510, 46.3910, 45.8390

Conversions

Conversions Part 2

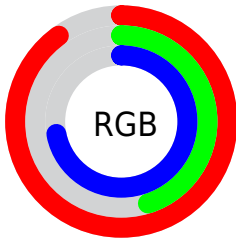
Format	Color
R _Y B	230, 115, 184
Decimal	15102904
CIE Lab	63.79, 52.63, -15.83
CIE LCh	64, 54.958, 343.255
Yxy	32.5452, 0.3673, 0.2521
Android (android.graphics.Color)	4293292984 (0xFFE673B8)
YUV	157.2510, 13.1873, 63.8009
Hunter-Lab	57.0484, 48.5297, -11.1308

Details

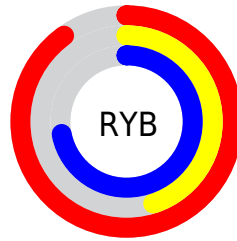
The Yxy color **32.5452, 0.3673, 0.2521** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **62.8142, 0.2820, 0.4237**, and the grayscale version is **33.7607, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.3007, 0.3285, 0.2592**, and **13.7468, 0.3832, 0.2312** is the 20% darker color. If you saturate the color by 10%, you get **27.5660, 0.3835, 0.2393**, and if you desaturate by 10%, it is **38.8610, 0.3528, 0.2669**.

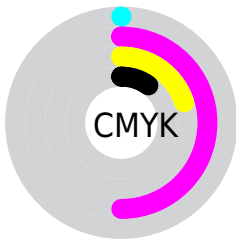
Distribution



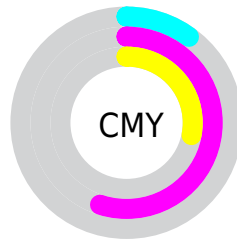
- Red (90%)
- Green (45%)
- Blue (72%)



- Red (90%)
- Yellow (45%)
- Blue (72%)



- Cyan (0%)
- Magenta (50%)
- Yellow (20%)
- Black (10%)




- Cyan (10%)
- Magenta (55%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.5452, 0.3673, 0.2521 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 Yxy color 32.5452, 0.3673, 0.2521 by changing the saturation by 10% instead.

 32.5452, 0.3673,
0.2521


 32.5452, 0.3673,
0.2521


313.5954, 0.3397,
0.2902


 21.7783, 0.3742,
0.2428


 63.6648, 0.3572,
0.2658

 13.6941, 0.3832,
0.2309


 84.7863, 0.3535,
0.2710

 7.9082, 0.3951,
0.2153


 110.1281, 0.3503,
0.2754

 4.0363, 0.4118,
0.1941

140.0746, 0.3476,
0.2792

 1.6939, 0.4365,
0.1639

175.0101, 0.3452,
0.2825

 0.4197, 0.4853,
0.1021

215.3192, 0.3431,

 0.0000, 0.6378,

0.2854

0.0000

261.3861, 0.3413,
0.2879

0.0000, 0.0000,
0.0000

32.5452, 0.3673,
0.2521

32.5452, 0.3673,
0.2521

27.5660, 0.3835,
0.2393

38.8610, 0.3528,
0.2669

23.8190, 0.4012,
0.2296

46.5982, 0.3402,
0.2827

21.1920, 0.4197,
0.2243


55.8399, 0.3295,
0.2986


19.5497, 0.4382,
0.2241

66.6615, 0.3203,
0.3142

18.6590, 0.4563,
0.2287

79.1334, 0.3127,
0.3290

 18.6590, 0.4563,
0.2287

 93.3215, 0.3064,
0.3429

 95.1461, 0.3012,
0.3356

 95.5637, 0.2976,
0.3290

Harmonies

Analogous

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



32.5452, 0.2797, 0.2155



32.5452, 0.3673, 0.2521



32.5452, 0.4467, 0.3046

Triad

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



32.5452, 0.3673, 0.2521



32.5452, 0.4050, 0.4766



32.5452, 0.1679, 0.2560

Complementary

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



32.5452, 0.3673, 0.2521



62.8142, 0.2820, 0.4237

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.



32.5452, 0.1915, 0.3346



32.5452, 0.3673, 0.2521



32.5452, 0.3259, 0.4856

Square

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



32.5452, 0.3673, 0.2521



32.5452, 0.4641, 0.4266



32.5452, 0.2476, 0.4288



32.5452, 0.1755, 0.2127

Rectangle

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



32.5452, 0.3673, 0.2521



32.5452, 0.4769, 0.3444



32.5452, 0.2476, 0.4288



32.5452, 0.1721, 0.2785

Sweetspot

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



32.5468, 0.3673, 0.2521



77.0305, 0.3248, 0.3063



25.3552, 0.2516, 0.1837



15.8779, 0.3267, 0.3030



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.5468, 0.3673, 0.2521



34.6491, 0.3841, 0.2389



30.6553, 0.4375, 0.3142



14.5125, 0.3199, 0.3150



10.5880, 0.4536, 0.2273



0.8007, 0.4290, 0.2137

Inverse Universe

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



32.5468, 0.3673, 0.2521



34.6491, 0.3841, 0.2389



65.2293, 0.2538, 0.3460



14.5125, 0.3199, 0.3150



10.5880, 0.4536, 0.2273



0.8007, 0.4290, 0.2137

Previews

White Background



This preview shows how the Yxy color 32.5452, 0.3673, 0.2521 looks on a white background.

Color Contrast Check

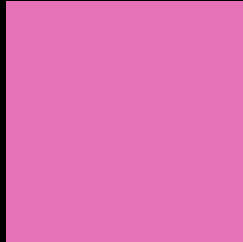
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 32.5452, 0.3673, 0.2521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

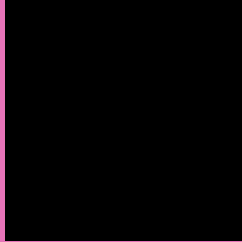
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.5452, 0.3673, 0.2521

Background



This preview shows how black text looks on a background with the Yxy color 32.5452, 0.3673, 0.2521.



This preview shows how white text looks on a background with the Yxy color 32.5452, 0.3673, 0.2521.

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

32.5452, 0.3673, 0.2521

Protanopia

32.8889, 0.2534, 0.2478

Deuteranopia

32.7185, 0.2961, 0.2901



Tritanopia

32.4241, 0.4188, 0.3175

Trichromacy



Original Color

32.5452, 0.3673, 0.2521



Protanomaly

31.3402, 0.2873, 0.2462



Deuteranomaly

31.7865, 0.3206, 0.2729



Tritanomaly

32.3055, 0.4002, 0.2921

Monochromacy



Original Color

32.5452, 0.3673, 0.2521



Achromatopsia

33.7164, 0.3127, 0.3290



Achromatomaly

32.3264, 0.3322, 0.2949

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5452, 0.3673, 0.2521 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(230, 115, 184)` looks like.

```
.text, #text, p{  
    color:rgb(230, 115, 184)  
}
```

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(230, 115, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 115, 184) }
```

Border

The CSS property to change the border of an element to Yxy 32.5452, 0.3673, 0.2521 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(230, 115, 184) }
```

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

```
.border{ border-color:rgb(230, 115, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 115, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 115, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 115, 184); box-shadow:4px 4px 4px 4px rgb(230, 115, 184) }
```


Background

The CSS property to change the background color of an element to Yxy 32.5452, 0.3673, 0.2521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 115, 184) }
```

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

```
.background{ background-color: rgb(230,  
115, 184) }
```

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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