

Converting Colors

$Y_{xy}(28.7722, 0.3992, 0.2550)$

Have a look what the booklet for
Yxy(28.7722, 0.3992, 0.2550)
contains.

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Color

Yxy(28.7950, 0.3985, 0.2545)

Conversions

Conversions Part 1

Format	Color
Hex	EA61A6
RGB	234, 97, 166
RGB Percent	92%, 38%, 65%
CMY	0.0824, 0.6196, 0.3490
CMYK	0.00, 0.59, 0.29, 0.08
HSL	330°, 77%, 65%
HSV	330°, 59%, 92%
XYZ	45.0877, 28.7950, 39.2608
YIQ	145.8290, 59.5030, 50.5030

Conversions

Conversions Part 2

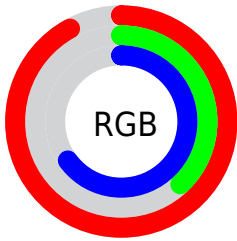
Format	Color
R_{YB}	234, 97, 166
Decimal	15360422
CIE _{Lab}	60.60, 59.78, -10.28
CIE _{LCh}	61, 60.655, 350.240
Yxy	28.7950, 0.3985, 0.2545
Android (android.graphics.Color)	4293550502 (0xFFEA61A6)
YUV	145.8290, 9.9443, 77.3260
Hunter-Lab	53.6610, 56.0747, -5.8165

Details

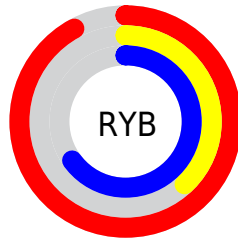
The Yxy color **28.7950, 0.3985, 0.2545** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **64.0997, 0.2724, 0.4244**, and the grayscale version is **28.6135, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.2629, 0.3468, 0.2601**, and **11.6520, 0.4269, 0.2327** is the 20% darker color. If you saturate the color by 10%, you get **24.6836, 0.4214, 0.2464**, and if you desaturate by 10%, it is **34.2228, 0.3778, 0.2656**.

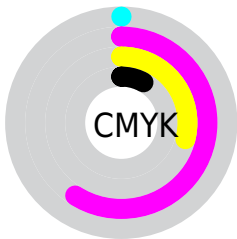
Distribution



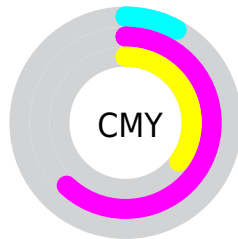
- Red (92%)
- Green (38%)
- Blue (65%)



- Red (92%)
- Yellow (38%)
- Blue (65%)



- Cyan (0%)
- Magenta (59%)
- Yellow (29%)
- Black (8%)





- Cyan (8%)
- Magenta (62%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.7950, 0.3985, 0.2545 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 28.7950, 0.3985, 0.2545 by changing the saturation by 10% instead.


 28.7950, 0.3985,
0.2545


 28.7950, 0.3985,
0.2545


296.2465, 0.3534,
0.2926

 18.9258, 0.4104,
0.2448


 57.7512, 0.3816,
0.2685


 11.6167, 0.4261,
0.2323

 77.6070, 0.3754,
0.2737

 6.4832, 0.4476,
0.2156

 101.5605, 0.3703,
0.2781

 3.1411, 0.4788,
0.1921

 129.9960, 0.3659,
0.2818

 1.2058, 0.5275,
0.1576

163.2980, 0.3621,
0.2851

 0.0665, 0.6676,
0.0258

201.8508, 0.3588,

 0.0000, 1.0000,

0.2879

0.0000

246.0388, 0.3560,
0.2904

0.0000, 0.0000,
0.0000

28.7950, 0.3985,
0.2545

28.7950, 0.3985,
0.2545

24.6836, 0.4214,
0.2464

34.2228, 0.3778,
0.2656

21.7672, 0.4458,
0.2425

41.0651, 0.3598,
0.2783

19.9097, 0.4704,
0.2437

49.4160, 0.3443,
0.2918

18.9104, 0.4941,
0.2503

59.3599, 0.3313,
0.3053

18.7956, 0.4975,
0.2515

70.9752, 0.3205,
0.3184

■ 84.3347, 0.3115,
0.3308

■ 95.7451, 0.3042,
0.3366

■ 96.2310, 0.2999,
0.3290

Harmonies

Analogous

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



28.7950, 0.2961, 0.2096



28.7950, 0.3985, 0.2545



28.7950, 0.4817, 0.3145

Triad

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



28.7950, 0.3985, 0.2545



28.7950, 0.3940, 0.5047



28.7950, 0.1502, 0.2299

Complementary

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



28.7950, 0.3985, 0.2545



64.0997, 0.2724, 0.4244

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.



28.7950, 0.1666, 0.3093



28.7950, 0.3985, 0.2545



28.7950, 0.3032, 0.5036

Square

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



28.7950, 0.3985, 0.2545



28.7950, 0.4693, 0.4503



28.7950, 0.2197, 0.4209



28.7950, 0.1662, 0.1922

Rectangle

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



28.7950, 0.3985, 0.2545



28.7950, 0.5054, 0.3587



28.7950, 0.2197, 0.4209



28.7950, 0.1519, 0.2514

Sweetspot

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



28.7965, 0.3985, 0.2545



72.7486, 0.3308, 0.3059



22.3019, 0.2503, 0.1629



14.7650, 0.3343, 0.3020



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.



28.7965, 0.3985, 0.2545



29.2661, 0.4257, 0.2453



26.9496, 0.4913, 0.3272



15.1806, 0.3214, 0.3172



10.5884, 0.4941, 0.2495



0.8509, 0.4636, 0.2327

Inverse Universe

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



28.7965, 0.3985, 0.2545



29.2661, 0.4257, 0.2453



67.1927, 0.2413, 0.3317



15.1806, 0.3214, 0.3172



10.5884, 0.4941, 0.2495



0.8509, 0.4636, 0.2327

Previews

White Background



This preview shows how the Yxy color 28.7950, 0.3985, 0.2545 looks on a white background.

Color Contrast Check

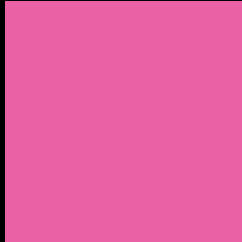
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 28.7950, 0.3985, 0.2545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

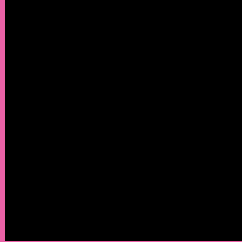
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.7950, 0.3985, 0.2545

Background



This preview shows how black text looks on a background with the Yxy color 28.7950, 0.3985, 0.2545.



This preview shows how white text looks on a background with the Yxy color 28.7950, 0.3985, 0.2545.

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

28.7950, 0.3985, 0.2545

Protanopia

29.1996, 0.2545, 0.2494

Deuteranopia

28.8178, 0.3097, 0.3031



Tritanopia

28.8091, 0.4579, 0.3206

Trichromacy



Original Color

28.7950, 0.3985, 0.2545



Protanomaly

27.3510, 0.2965, 0.2470



Deuteranomaly

27.7207, 0.3401, 0.2794



Tritanomaly

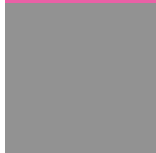
28.6108, 0.4366, 0.2960

Monochromacy



Original Color

28.7950, 0.3985, 0.2545



Achromatopsia

28.7441, 0.3127, 0.3290



Achromatomaly

27.2032, 0.3432, 0.2933

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7950, 0.3985, 0.2545 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(234, 97, 166)` looks like.

```
.text, #text, p{  
  color:rgb(234, 97, 166)  
}
```

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(234, 97, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 97, 166) }
```

Border

The CSS property to change the border of an element to Yxy 28.7950, 0.3985, 0.2545 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(234, 97, 166) }
```

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

```
.border{ border-color:rgb(234, 97, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 97, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 97, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 97, 166);  
box-shadow:4px 4px 4px 4px rgb(234, 97,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7950, 0.3985, 0.2545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 97, 166) }
```

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

```
.background{ background-color: rgb(234, 97,  
166) }
```

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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