

Converting Colors

$Yxy(20.7433, 0.4563, 0.2607)$

Have a look what the booklet for
Yxy(20.7433, 0.4563, 0.2607)
contains.

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Color

Yxy(20.7433, 0.4563, 0.2607)

Conversions

Conversions Part 1

Format	Color
Hex	E03D80
RGB	224, 61, 128
RGB Percent	88%, 24%, 50%
CMY	0.1216, 0.7608, 0.4980
CMYK	0.00, 0.73, 0.43, 0.12
HSL	335°, 72%, 56%
HSV	335°, 73%, 88%
XYZ	36.3067, 20.7433, 22.5177
YIQ	117.3750, 75.6410, 55.3930

Conversions

Conversions Part 2

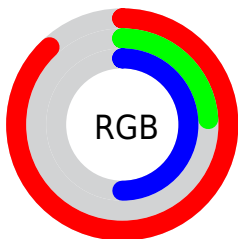
Format	Color
R_{YB}	224, 61, 128
Decimal	14695808
CIE _{Lab}	52.67, 66.81, 0.12
CIE _{LCh}	53, 66.808, 0.102
Yxy	20.7433, 0.4563, 0.2607
Android (android.graphics.Color)	4292885888 (0xFFE03D80)
YUV	117.3750, 5.2381, 93.5101
Hunter-Lab	45.5448, 62.5906, 2.5680

Details

The Yxy color **20.7433, 0.4563, 0.2607** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle washed rose. A complement of this color would be **56.7385, 0.2618, 0.4285**, and the grayscale version is **17.8785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.2709, 0.3950, 0.2680**, and **8.3510, 0.5004, 0.2530** is the 20% darker color. If you saturate the color by 10%, you get **18.5065, 0.4867, 0.2608**, and if you desaturate by 10%, it is **24.0254, 0.4271, 0.2652**.

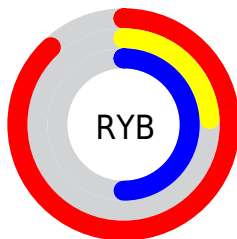
Distribution



Red (88%)

Green (24%)

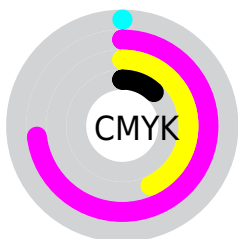
Blue (50%)



Red (88%)

Yellow (24%)

Blue (50%)

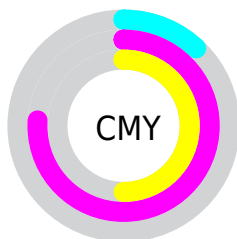


Cyan (0%)

Magenta (73%)

Yellow (43%)

Black (12%)



Cyan (12%)

Magenta (76%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.7433, 0.4563, 0.2607 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 20.7433, 0.4563, 0.2607 by changing the saturation by 10% instead.


 20.7433, 0.4563,
0.2607


 20.7433, 0.4563,
0.2607


255.9111, 0.3759,
0.2990


 12.9365, 0.4794,
0.2497


 44.6599, 0.4249,
0.2757


 7.3848, 0.5111,
0.2346


 61.5385, 0.4137,
0.2810


 3.7039, 0.5564,
0.2130

 82.2099, 0.4046,
0.2853

 1.5094, 0.6255,
0.1800

 107.0583, 0.3969,
0.2890

 0.2953, 0.7997,
0.0972

 136.4682, 0.3905,
0.2921

 0.0000, 1.0000,
0.0000

170.8241, 0.3849,

 0.0000, 0.0000,

0.2947

0.0000

210.5103, 0.3801,
0.2970

■ 20.7433, 0.4563,
0.2607

■ 20.7433, 0.4563,
0.2607

■ 18.5065, 0.4867,
0.2608

■ 24.0254, 0.4271,
0.2652

■ 17.1763, 0.5163,
0.2662

■ 28.4618, 0.4004,
0.2730

■ 16.6219, 0.5363,
0.2728

■ 34.1513, 0.3771,
0.2829

■ 41.1810, 0.3572,
0.2938

■ 49.6305, 0.3406,
0.3050

 59.5726, 0.3268,
0.3159

 71.0756, 0.3155,
0.3263

 84.2033, 0.3062,
0.3359

 94.0666, 0.2985,
0.3373

Harmonies

Analogous

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



20.7433, 0.3306, 0.2035



20.7433, 0.4563, 0.2607



20.7433, 0.5367, 0.3306

Triad

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



20.7433, 0.4563, 0.2607



20.7433, 0.3664, 0.5528



20.7433, 0.1263, 0.1901

Complementary

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



20.7433, 0.4563, 0.2607



56.7385, 0.2618, 0.4285

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.



20.7433, 0.1305, 0.2635



20.7433, 0.4563, 0.2607



20.7433, 0.2605, 0.5266

Square

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



20.7433, 0.4563, 0.2607



20.7433, 0.4655, 0.4903



20.7433, 0.1742, 0.3947



20.7433, 0.1555, 0.1634

Rectangle

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



20.7433, 0.4563, 0.2607



20.7433, 0.5433, 0.3810



20.7433, 0.1742, 0.3947



20.7433, 0.1239, 0.2084

Sweetspot

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



20.7445, 0.4563, 0.2607



67.3328, 0.3396, 0.3057



15.7964, 0.2472, 0.1354



13.7006, 0.3438, 0.3026



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.



20.7445, 0.4563, 0.2607



23.8203, 0.5013, 0.2627



21.1609, 0.5501, 0.3417



13.7935, 0.3228, 0.3194



9.6966, 0.5324, 0.2707



0.6896, 0.4923, 0.2485

Inverse Universe

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



20.7445, 0.4563, 0.2607



23.8203, 0.5013, 0.2627



52.6743, 0.2268, 0.3101



13.7935, 0.3228, 0.3194



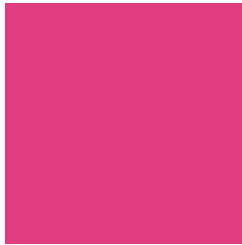
9.6966, 0.5324, 0.2707



0.6896, 0.4923, 0.2485

Previews

White Background



This preview shows how the Yxy color 20.7433, 0.4563, 0.2607 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 20.7433, 0.4563, 0.2607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

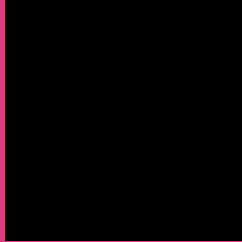
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.7433, 0.4563, 0.2607

Background



This preview shows how black text looks on a background with the Yxy color 20.7433, 0.4563, 0.2607.



This preview shows how white text looks on a background with the Yxy color 20.7433, 0.4563, 0.2607.

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

20.7433, 0.4563, 0.2607

Protanopia

21.1021, 0.2608, 0.2574

Deuteranopia

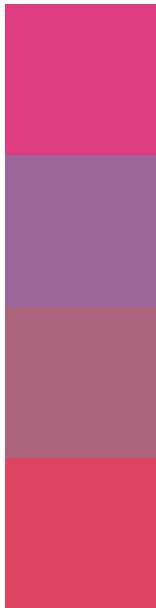
20.9379, 0.3389, 0.3326



Tritanopia

20.8198, 0.5264, 0.3257

Trichromacy



Original Color

20.7433, 0.4563, 0.2607

Protanomaly

18.7712, 0.3190, 0.2493

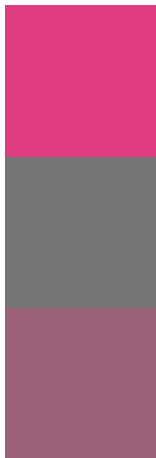
Deuteranomaly

19.2023, 0.3820, 0.2942

Tritanomaly

20.6304, 0.5036, 0.3024

Monochromacy



Original Color

20.7433, 0.4563, 0.2607

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

16.9978, 0.3653, 0.2897

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.7433, 0.4563, 0.2607 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(224, 61, 128)` looks like.

```
.text, #text, p{  
    color:rgb(224, 61, 128)  
}
```

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(224, 61, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 61, 128) }
```

Border

The CSS property to change the border of an element to Yxy 20.7433, 0.4563, 0.2607 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(224, 61, 128) }
```

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

```
.border{ border-color:rgb(224, 61, 128) }
```

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

Here you see how a box with a 4 pixel rgb(224, 61, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 61, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 61, 128);  
box-shadow:4px 4px 4px 4px rgb(224, 61,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 20.7433, 0.4563, 0.2607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 61, 128) }
```

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

```
.background{ background-color: rgb(224, 61,  
128) }
```

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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