

Converting Colors

$Y_{xy}(17.5658, 0.5270, 0.2721)$

Have a look what the booklet for
Yxy(17.5658, 0.5270, 0.2721)
contains.

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Color

Yxy(17.5645, 0.5275, 0.2724)

Conversions

Conversions Part 1

Format	Color
Hex	E31061
RGB	227, 16, 97
RGB Percent	89%, 6%, 38%
CMY	0.1099, 0.9364, 0.6197
CMYK	0.00, 0.93, 0.57, 0.11
HSL	337°, 87%, 48%
HSV	337°, 93%, 89%
XYZ	34.0135, 17.5645, 12.9026
YIQ	88.3230, 99.7550, 69.9230

Conversions

Conversions Part 2

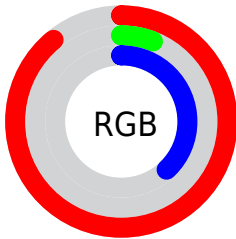
Format	Color
R_{YB}	227, 16, 97
Decimal	14880865
CIE _{Lab}	48.96, 74.97, 13.77
CIE _{LCh}	49, 76.222, 10.409
Yxy	17.5645, 0.5275, 0.2724
Android (android.graphics.Color)	4293070945 (0xFFE31061)
YUV	88.3230, 4.2778, 121.6197
Hunter-Lab	41.9100, 71.5251, 11.0838

Details

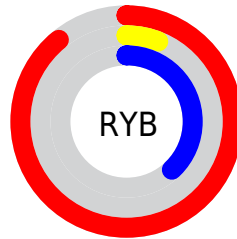
The Yxy color **17.5645, 0.5275, 0.2724** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **57.1145, 0.2598, 0.4513**, and the grayscale version is **9.8342, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.7323, 0.4467, 0.2796**, and **8.1315, 0.5701, 0.2914** is the 20% darker color. If you saturate the color by 10%, you get **17.0135, 0.5479, 0.2792**, and if you desaturate by 10%, it is **18.9185, 0.4966, 0.2664**.

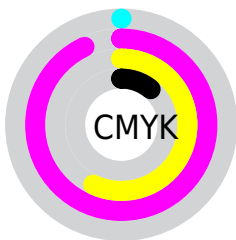
Distribution



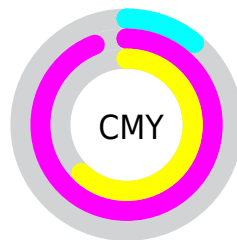
- Red (89%)
- Green (6%)
- Blue (38%)



- Red (89%)
- Yellow (6%)
- Blue (38%)



- Cyan (0%)
- Magenta (93%)
- Yellow (57%)
- Black (11%)




- Cyan (11%)
- Magenta (94%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.5645, 0.5275, 0.2724 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 17.5645, 0.5275, 0.2724 by changing the saturation by 10% instead.


 17.5645, 0.5275,
0.2724


 17.5645, 0.5275,
0.2724


238.4048, 0.4040,
0.3090


 10.6378, 0.5635,
0.2599


 39.2938, 0.4787,
0.2881


 5.8238, 0.6122,
0.2415

 54.8652, 0.4615,
0.2932


 2.7383, 0.6803,
0.2131

 74.0870, 0.4475,
0.2972

 0.9967, 0.8059,
0.1736

 97.3435, 0.4359,
0.3005

 0.0000, 1.0000,
0.0000

 125.0191, 0.4260,
0.3032

 0.0000, 0.0000,
0.0000

 157.4983, 0.4176,

0.3054

195.1653, 0.4104,
0.3073

■ 17.5645, 0.5275,
0.2724

■ 17.5645, 0.5275,
0.2724

■ 17.0135, 0.5479,
0.2792

■ 18.9185, 0.4966,
0.2664

■ 21.2092, 0.4645,
0.2657

■ 24.5780, 0.4335,
0.2696

■ 29.1416, 0.4052,
0.2767

■ 35.0013, 0.3805,
0.2859

■ 42.2475, 0.3595,
0.2961

■ 50.9624, 0.3420,
0.3065

■ 61.2218, 0.3275,
0.3167

■ 73.0962, 0.3157,
0.3264

Harmonies

Analogous

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



17.5645, 0.3846, 0.2040



17.5645, 0.5275, 0.2724



17.5645, 0.5843, 0.3493

Triad

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



17.5645, 0.5275, 0.2724



17.5645, 0.3212, 0.6051



17.5645, 0.1093, 0.1532

Complementary

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



17.5645, 0.5275, 0.2724



57.1145, 0.2598, 0.4513

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.



17.5645, 0.1001, 0.2113



17.5645, 0.5275, 0.2724



17.5645, 0.2066, 0.5287

Square

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



17.5645, 0.5275, 0.2724



17.5645, 0.4405, 0.5392



17.5645, 0.1280, 0.3430



17.5645, 0.1533, 0.1396

Rectangle

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



17.5645, 0.5275, 0.2724



17.5645, 0.5637, 0.4062



17.5645, 0.1280, 0.3430



17.5645, 0.1026, 0.1665

Sweetspot

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



17.5656, 0.5275, 0.2724



60.0763, 0.3509, 0.3009



12.0490, 0.2324, 0.1080



11.8494, 0.3589, 0.2964



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.



17.5656, 0.5275, 0.2724



22.1366, 0.5495, 0.2801



17.9363, 0.6173, 0.3401



14.4590, 0.3232, 0.3200



9.9466, 0.5440, 0.2770



0.7527, 0.5046, 0.2553

Inverse Universe

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



17.5656, 0.5275, 0.2724



22.1366, 0.5495, 0.2801



48.0764, 0.2159, 0.2942



14.4590, 0.3232, 0.3200



9.9466, 0.5440, 0.2770



0.7527, 0.5046, 0.2553

Previews

White Background



This preview shows how the Yxy color 17.5645, 0.5275, 0.2724 looks on a white 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

Black Background



This preview shows how the Yxy color 17.5645, 0.5275, 0.2724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

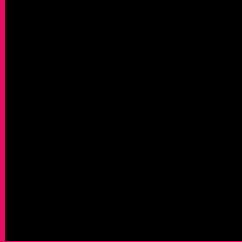
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.5645, 0.5275, 0.2724

Background



This preview shows how black text looks on a background with the Yxy color 17.5645, 0.5275, 0.2724.

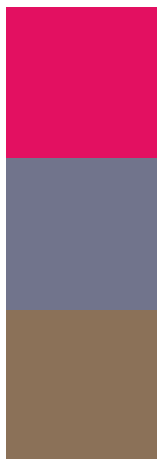


This preview shows how white text looks on a background with the Yxy color 17.5645, 0.5275, 0.2724.

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

17.5645, 0.5275, 0.2724

Protanopia

17.8949, 0.2823, 0.2840

Deuteranopia

18.0038, 0.3811, 0.3746



Tritanopia

17.7466, 0.6000, 0.3304

Trichromacy



Original Color

17.5645, 0.5275, 0.2724



Protanomaly

14.0626, 0.3630, 0.2574



Deuteranomaly

14.8620, 0.4468, 0.3102



Tritanomaly

17.5387, 0.5808, 0.3113

Monochromacy



Original Color

17.5645, 0.5275, 0.2724



Achromatopsia

9.7587, 0.3127, 0.3290



Achromatomaly

9.6895, 0.4078, 0.2771

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5645, 0.5275, 0.2724 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(227, 16, 97)` looks like.

```
.text, #text, p{  
    color:rgb(227, 16, 97)  
}
```

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(227, 16, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 16, 97) }
```

Border

The CSS property to change the border of an element to Yxy 17.5645, 0.5275, 0.2724 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(227, 16, 97) }
```

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

```
.border{ border-color:rgb(227, 16, 97) }
```

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

Here you see how a box with a 4 pixel rgb(227, 16, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 16, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 16, 97);  
box-shadow:4px 4px 4px 4px rgb(227, 16,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5645, 0.5275, 0.2724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 16, 97) }
```

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

```
.background{ background-color: rgb(227, 16,  
97) }
```

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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