

Converting Colors

Yxy(56.8419, 0.3091, 0.3022)

Have a look what the booklet for
Yxy(56.8419, 0.3091, 0.3022)
contains.

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Color

Yxy(56.7994, 0.3092, 0.3026)

Conversions

Conversions Part 1

Format	Color
Hex	D2C1D8
RGB	210, 193, 216
RGB Percent	82%, 76%, 85%
CMY	0.1765, 0.2431, 0.1530
CMYK	0.03, 0.11, 0.00, 0.15
HSL	284°, 23%, 80%
HSV	284°, 11%, 85%
XYZ	58.0383, 56.7994, 72.8669
YIQ	200.7050, 2.7490, 10.7570

Conversions

Conversions Part 2

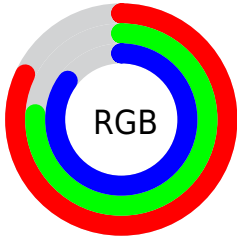
Format	Color
R_{YB}	210, 193, 216
Decimal	13812184
CIE _{Lab}	80.07, 10.11, -9.31
CIE _{LCh}	80, 13.742, 317.372
Yxy	56.7994, 0.3092, 0.3026
Android (android.graphics.Color)	4292002264 (0xFFD2C1D8)
YUV	200.7050, 7.5404, 8.1517
Hunter-Lab	75.3654, 5.5720, -4.5687

Details

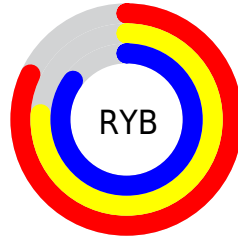
The Yxy color **56.7994, 0.3092, 0.3026** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.1065, 0.3158, 0.3561**, and the grayscale version is **58.1677, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **28.0070, 0.3079, 0.2955** is the 20% darker color. If you saturate the color by 10%, you get **47.1235, 0.3052, 0.2764**, and if you desaturate by 10%, it is **67.9042, 0.3125, 0.3275**.

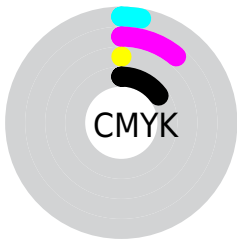
Distribution



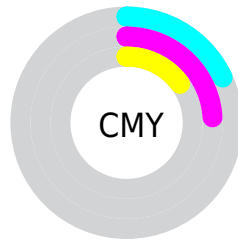
- Red (82%)
- Green (76%)
- Blue (85%)



- Red (82%)
- Yellow (76%)
- Blue (85%)



- Cyan (3%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)



- Cyan (18%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.7994, 0.3092, 0.3026 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 56.7994, 0.3092, 0.3026 by changing the saturation by 10% instead.

■ 56.7994, 0.3092,
0.3026

■ 56.7994, 0.3092,
0.3026

412.6972, 0.3110,
0.3151

■ 40.8442, 0.3087,
0.2997

■ 100.1724, 0.3099,
0.3070

■ 28.1974, 0.3082,
0.2960

128.3591, 0.3101,
0.3087

■ 18.4745, 0.3074,
0.2913

161.3916, 0.3103,
0.3102

■ 11.2912, 0.3063,
0.2849

199.6545, 0.3105,
0.3114

■ 6.2630, 0.3046,
0.2761

243.5321, 0.3106,
0.3125

■ 3.0057, 0.3019,
0.2630

293.4088, 0.3108,

■ 1.1347, 0.2969,

0.3135

0.2412

349.6691, 0.3109,
0.3144

0.0074, 0.2759,
0.0080

0.0000, 0.0000,
0.0000

56.7994, 0.3092,
0.3026

56.7994, 0.3092,
0.3026

47.1235, 0.3052,
0.2764

67.9042, 0.3125,
0.3275

38.8086, 0.3005,
0.2495

80.4875, 0.3152,
0.3507

31.7923, 0.2951,
0.2226

92.7986, 0.3176,
0.3693

26.0044, 0.2890,
0.1967

93.7326, 0.3212,
0.3689

■ 21.3678, 0.2824,
0.1730

■ 94.6970, 0.3248,
0.3684

■ 17.7967, 0.2754,
0.1526

■ 95.6922, 0.3285,
0.3680

■ 15.1928, 0.2683,
0.1364

■ 96.7184, 0.3322,
0.3675

■ 13.4395, 0.2612,
0.1249

■ 97.7377, 0.3358,
0.3671

■ 12.3770, 0.2549,
0.1178

Harmonies

Analogous

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



56.7994, 0.2925, 0.2987



56.7994, 0.3092, 0.3026



56.7994, 0.3273, 0.3130

Triad

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



56.7994, 0.3092, 0.3026



56.7994, 0.3449, 0.3550



56.7994, 0.2844, 0.3295

Complementary

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



56.7994, 0.3092, 0.3026



65.1065, 0.3158, 0.3561

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.



56.7994, 0.2978, 0.3458



56.7994, 0.3092, 0.3026



56.7994, 0.3327, 0.3607

Square

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



56.7994, 0.3092, 0.3026



56.7994, 0.3483, 0.3428



56.7994, 0.3154, 0.3574



56.7994, 0.2784, 0.3136

Rectangle

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



56.7994, 0.3092, 0.3026



56.7994, 0.3377, 0.3224



56.7994, 0.3154, 0.3574



56.7994, 0.2881, 0.3352

Sweetspot

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



56.8018, 0.3092, 0.3026



94.8381, 0.3118, 0.3217



57.2085, 0.2962, 0.3090



20.0111, 0.3115, 0.3197



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.



56.8018, 0.3092, 0.3026



79.0346, 0.3083, 0.2962



57.4284, 0.3179, 0.3089



12.4616, 0.3096, 0.3057



7.3808, 0.2559, 0.1183



0.4842, 0.2676, 0.1248

Inverse Universe

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



56.8684, 0.3268, 0.3221



79.1656, 0.3306, 0.3204



64.5435, 0.3079, 0.3499



12.4736, 0.3250, 0.3229



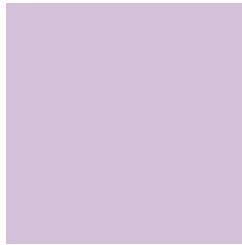
8.8283, 0.5879, 0.3012



0.5462, 0.5379, 0.2737

Previews

White Background



This preview shows how the Yxy color 56.7994, 0.3092, 0.3026 looks on a white background.

Color Contrast Check

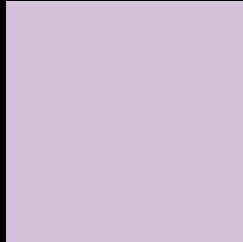
Large Text (above 18pt) WCAG AA × Fail

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 56.7994, 0.3092, 0.3026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

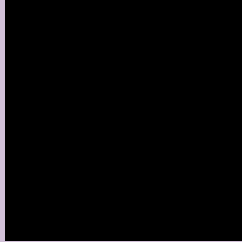
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.7994, 0.3092, 0.3026

Background



This preview shows how black text looks on a background with the Yxy color 56.7994, 0.3092, 0.3026.



This preview shows how white text looks on a background with the Yxy color 56.7994, 0.3092, 0.3026.

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

56.7994, 0.3092, 0.3026

Protanopia

56.7827, 0.2963, 0.3031

Deuteranopia

56.7994, 0.3092, 0.3026



Tritanopia

56.7423, 0.3135, 0.3116

Trichromacy



Original Color

56.7994, 0.3092, 0.3026

Protanomaly

56.9593, 0.3008, 0.3033

Deuteranomaly

56.7994, 0.3092, 0.3026

Tritanomaly

56.8923, 0.3113, 0.3082

Monochromacy



Original Color

56.7994, 0.3092, 0.3026

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.6818, 0.3116, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7994, 0.3092, 0.3026 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(210, 193, 216)` looks like.

```
.text, #text, p{  
    color:rgb(210, 193, 216)  
}
```

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(210, 193, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 193, 216) }
```

Border

The CSS property to change the border of an element to Yxy 56.7994, 0.3092, 0.3026 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(210, 193, 216) }
```

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

```
.border{ border-color:rgb(210, 193, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 193, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 193, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 193, 216);  
box-shadow:4px 4px 4px 4px rgb(210, 193,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7994, 0.3092, 0.3026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 193, 216) }
```

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

```
.background{ background-color: rgb(210,  
193, 216) }
```

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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