

Converting Colors

$Yxy(66.1774, 0.3214, 0.3241)$

Have a look what the booklet for
Yxy(66.1774, 0.3214, 0.3241)
contains.

Yxy(66.2523, 0.3212, 0.3246)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(66.2523, 0.3212, 0.3246)

Conversions

Conversions Part 1

Format	Color
Hex	E0D1D5
RGB	224, 209, 213
RGB Percent	88%, 82%, 84%
CMY	0.1215, 0.1804, 0.1646
CMYK	0.00, 0.07, 0.05, 0.12
HSL	344°, 20%, 85%
HSV	344°, 7%, 88%
XYZ	65.5583, 66.2523, 72.2938
YIQ	213.9410, 7.6560, 4.4240

Conversions

Conversions Part 2

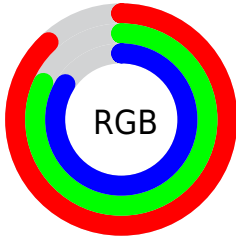
Format	Color
RYB	224, 209, 213
Decimal	14733781
CIELab	85.12, 5.89, -0.13
CIELCh	85, 5.892, 358.776
Yxy	66.2523, 0.3212, 0.3246
Android (android.graphics.Color)	4292923861 (0xFFE0D1D5)
YUV	213.9410, -0.4639, 8.8217
Hunter-Lab	81.3955, 1.3270, 4.3167

Details

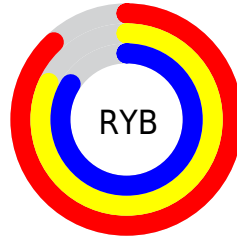
The Yxy color **66.2523, 0.3212, 0.3246** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.0473, 0.3049, 0.3334**, and the grayscale version is **67.2068, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.3463, 0.3239, 0.3247** is the 20% darker color. If you saturate the color by 10%, you get **55.2329, 0.3363, 0.3177**, and if you desaturate by 10%, it is **78.9074, 0.3090, 0.3311**.

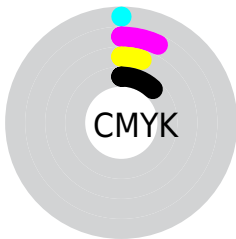
Distribution



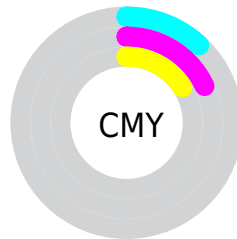
- Red (88%)
- Green (82%)
- Blue (84%)



- Red (88%)
- Yellow (82%)
- Blue (84%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (12%)



- Cyan (12%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.2523, 0.3212, 0.3246 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 66.2523, 0.3212, 0.3246 by changing the saturation by 10% instead.

66.2523, 0.3212,
0.3246

66.2523, 0.3212,
0.3246

447.2787, 0.3172,
0.3267

48.4772, 0.3221,
0.3241

113.8484, 0.3198,
0.3253

34.2050, 0.3233,
0.3235

144.4382, 0.3193,
0.3256

23.0511, 0.3248,
0.3227

180.0684, 0.3188,
0.3259

14.6313, 0.3267,
0.3217

221.1233, 0.3184,
0.3261

8.5610, 0.3295,
0.3203

267.9874, 0.3180,
0.3262

4.4560, 0.3336,
0.3182

321.0451, 0.3177,

1.9318, 0.3403,

0.3264

0.3147

380.6807, 0.3175,
0.3266

0.5674, 0.3639,
0.3023

0.0000, 0.0000,
0.0000

66.2523, 0.3212,
0.3246

66.2523, 0.3212,
0.3246

55.2329, 0.3363,
0.3177

78.9074, 0.3090,
0.3311

45.7740, 0.3548,
0.3104

93.2523, 0.2990,
0.3370

37.8072, 0.3774,
0.3031

94.5914, 0.2941,
0.3289

31.2556, 0.4047,
0.2963

■ 26.0356, 0.4367,
0.2906

■ 22.0546, 0.4728,
0.2872

■ 19.2081, 0.5111,
0.2871

■ 17.3739, 0.5485,
0.2912

■ 16.3970, 0.5809,
0.2996

Harmonies

Analogous

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



66.2523, 0.3142, 0.3194



66.2523, 0.3212, 0.3246



66.2523, 0.3259, 0.3310

Triad

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



66.2523, 0.3212, 0.3246



66.2523, 0.3184, 0.3417



66.2523, 0.2986, 0.3209

Complementary

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



66.2523, 0.3212, 0.3246



72.0473, 0.3049, 0.3334

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.



66.2523, 0.2997, 0.3268



66.2523, 0.3212, 0.3246



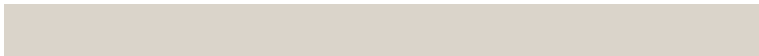
66.2523, 0.3111, 0.3389

Square

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



66.2523, 0.3212, 0.3246



66.2523, 0.3243, 0.3409



66.2523, 0.3043, 0.3335



66.2523, 0.3012, 0.3172

Rectangle

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



66.2523, 0.3212, 0.3246



66.2523, 0.3271, 0.3351



66.2523, 0.3043, 0.3335



66.2523, 0.2986, 0.3227

Sweetspot

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



66.2552, 0.3212, 0.3246



96.5508, 0.3151, 0.3277



66.1614, 0.3103, 0.3125



20.7020, 0.3150, 0.3278



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.



66.2552, 0.3212, 0.3246



86.7426, 0.3231, 0.3237



67.6678, 0.3237, 0.3326



13.7605, 0.3250, 0.3227



9.4301, 0.5865, 0.3005



0.6683, 0.5423, 0.2761

Inverse Universe

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



66.2552, 0.3212, 0.3246



86.7426, 0.3231, 0.3237



70.5290, 0.3024, 0.3254



13.7605, 0.3250, 0.3227



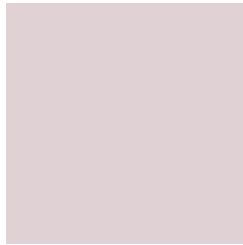
9.4301, 0.5865, 0.3005



0.6683, 0.5423, 0.2761

Previews

White Background



This preview shows how the Yxy color 66.2523, 0.3212, 0.3246 looks on a white background.

Color Contrast Check

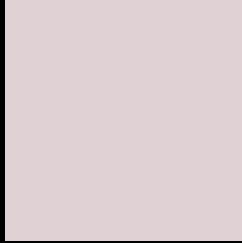
Large Text (above 18pt) WCAG AA × Fail

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 66.2523, 0.3212, 0.3246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

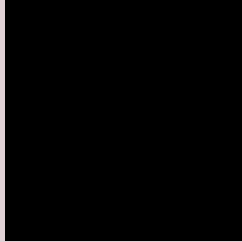
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

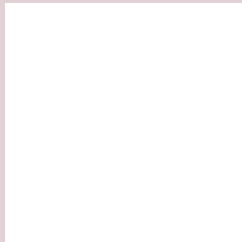
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.2523, 0.3212, 0.3246

Background



This preview shows how black text looks on a background with the Yxy color 66.2523, 0.3212, 0.3246.

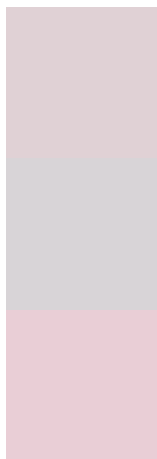


This preview shows how white text looks on a background with the Yxy color 66.2523, 0.3212, 0.3246.

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

66.2523, 0.3212, 0.3246

Protanopia

66.5922, 0.3136, 0.3257

Deuteranopia

66.3213, 0.3276, 0.3204



Tritanopia

66.1762, 0.3151, 0.3106

Trichromacy



Original Color

66.2523, 0.3212, 0.3246

Protanomaly

66.5036, 0.3166, 0.3257

Deuteranomaly

66.3037, 0.3252, 0.3214

Tritanomaly

66.2866, 0.3171, 0.3159

Monochromacy



Original Color

66.2523, 0.3212, 0.3246

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.8474, 0.3158, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2523, 0.3212, 0.3246 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, 209, 213)` looks like.

```
.text, #text, p{  
    color:rgb(224, 209, 213)  
}
```

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, 209, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 209, 213) }
```

Border

The CSS property to change the border of an element to Yxy 66.2523, 0.3212, 0.3246 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, 209, 213) }
```

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

```
.border{ border-color:rgb(224, 209, 213) }
```

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

Here you see how a box with a 4 pixel rgb(224, 209, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 209, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 209, 213);  
box-shadow:4px 4px 4px 4px rgb(224, 209,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2523, 0.3212, 0.3246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 209, 213) }
```

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

```
.background{ background-color: rgb(224,  
209, 213) }
```

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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