

Converting Colors

Yxy(32.4112, 0.4261, 0.3541)

Have a look what the booklet for
Yxy(32.4112, 0.4261, 0.3541)
contains.

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Color

Yxy(32.4112, 0.4261, 0.3541)

Conversions

Conversions Part 1

Format	Color
Hex	D58672
RGB	213, 134, 114
RGB Percent	84%, 53%, 45%
CMY	0.1647, 0.4745, 0.5530
CMYK	0.00, 0.37, 0.46, 0.16
HSL	12°, 54%, 64%
HSV	12°, 46%, 84%
XYZ	39.0014, 32.4112, 20.1186
YIQ	155.3410, 53.5040, 10.5280

Conversions

Conversions Part 2

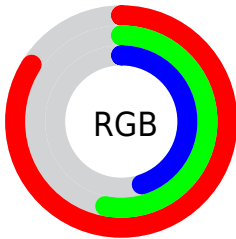
Format	Color
R _{YB}	213, 139, 114
Decimal	13993586
CIE Lab	63.68, 28.10, 23.47
CIE LCh	64, 36.608, 39.871
Yxy	32.4112, 0.4261, 0.3541
Android (android.graphics.Color)	4292183666 (0xFFD58672)
YUV	155.3410, -20.3811, 50.5669
Hunter-Lab	56.9308, 22.6555, 18.8993

Details

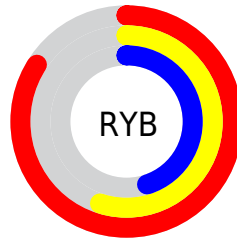
The Yxy color **32.4112, 0.4261, 0.3541** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **46.5125, 0.2461, 0.3012**, and the grayscale version is **33.0125, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9796, 0.3883, 0.3523**, and **13.5484, 0.4632, 0.3567** is the 20% darker color. If you saturate the color by 10%, you get **27.6564, 0.4635, 0.3584**, and if you desaturate by 10%, it is **38.0370, 0.3934, 0.3488**.

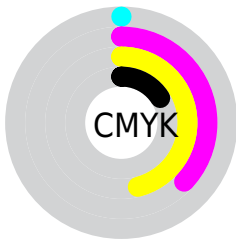
Distribution



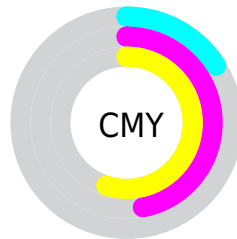
- Red (84%)
- Green (53%)
- Blue (45%)



- Red (84%)
- Yellow (55%)
- Blue (45%)



- Cyan (0%)
- Magenta (37%)
- Yellow (46%)
- Black (16%)





- Cyan (16%)
- Magenta (47%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.4112, 0.4261, 0.3541 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 32.4112, 0.4261, 0.3541 by changing the saturation by 10% instead.


 32.4112, 0.4261,
0.3541


 32.4112, 0.4261,
0.3541


312.9882, 0.3655,
0.3435

 21.6758, 0.4423,
0.3558


 63.4552, 0.4032,
0.3508

 13.6189, 0.4636,
0.3574


 84.5325, 0.3949,
0.3494

 7.8561, 0.4927,
0.3581

 109.8259, 0.3880,
0.3481

 4.0030, 0.5340,
0.3560

 139.7198, 0.3821,
0.3470

 1.6752, 0.6318,
0.3664

174.5986, 0.3771,
0.3460

 0.4075, 0.7288,
0.2712

214.8467, 0.3727,


 0.0000, 1.0000,


0.3451

0.0000


260.8484, 0.3689,
0.3442


 0.0000, 0.0000,
0.0000

 32.4112, 0.4261,
0.3541


 32.4112, 0.4261,
0.3541


 27.6564, 0.4635,
0.3584


 38.0370, 0.3934,
0.3488


 23.7239, 0.5043,
0.3609


 44.5697, 0.3657,
0.3432


 20.5672, 0.5455,
0.3606

 52.0491, 0.3425,
0.3376


 18.1334, 0.5825,
0.3567

 60.5112, 0.3233,
0.3323

 16.3617, 0.6106,
0.3495

 69.9899, 0.3075,
0.3273

 15.8772, 0.6186,
0.3470

 80.5178, 0.2943,
0.3228

 91.5934, 0.2876,
0.3268

 92.8852, 0.2877,
0.3289

Harmonies

Analogous

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



32.4112, 0.3972, 0.3097



32.4112, 0.4261, 0.3541



32.4112, 0.4206, 0.3972

Triad

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



32.4112, 0.4261, 0.3541



32.4112, 0.2761, 0.3986



32.4112, 0.2392, 0.2384

Complementary

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



32.4112, 0.4261, 0.3541



46.5125, 0.2461, 0.3012

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.



32.4112, 0.2136, 0.2514



32.4112, 0.4261, 0.3541



32.4112, 0.2328, 0.3417

Square

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



32.4112, 0.4261, 0.3541



32.4112, 0.3318, 0.4316



32.4112, 0.2112, 0.2871



32.4112, 0.2853, 0.2462

Rectangle

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



32.4112, 0.4261, 0.3541



32.4112, 0.3995, 0.4200



32.4112, 0.2112, 0.2871



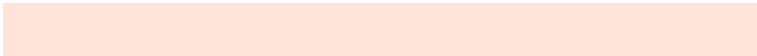
32.4112, 0.2282, 0.2403

Sweetspot

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



32.4128, 0.4261, 0.3541



81.0646, 0.3377, 0.3363



30.0380, 0.3388, 0.2361



16.7840, 0.3422, 0.3375



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.



32.4128, 0.4261, 0.3541



41.5041, 0.4639, 0.3585



49.3487, 0.3964, 0.4121



12.8233, 0.3286, 0.3338



9.8162, 0.6164, 0.3488



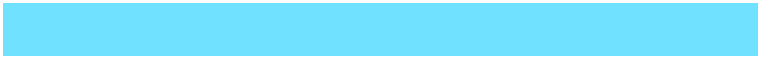
0.7114, 0.5832, 0.3751

Inverse Universe

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



46.5125, 0.2461, 0.3012



65.1425, 0.2346, 0.2940



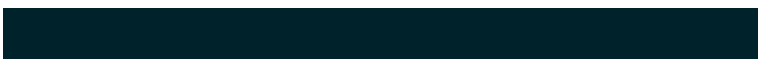
28.2354, 0.2329, 0.2277



13.6615, 0.2983, 0.3242



20.6308, 0.2064, 0.2632



1.3549, 0.2099, 0.2758

Previews

White Background



This preview shows how the Yxy color 32.4112, 0.4261, 0.3541 looks on a white background.

Color Contrast Check

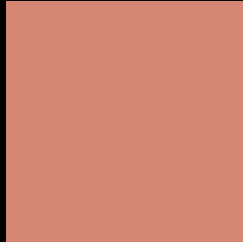
Large Text (above 18pt) WCAG AA × Fail

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 32.4112, 0.4261, 0.3541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

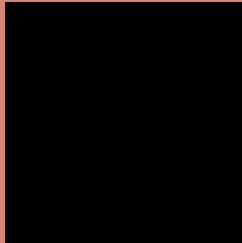
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.4112, 0.4261, 0.3541

Background



This preview shows how black text looks on a background with the Yxy color 32.4112, 0.4261, 0.3541.



This preview shows how white text looks on a background with the Yxy color 32.4112, 0.4261, 0.3541.

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

32.4112, 0.4261, 0.3541

Protanopia

32.4338, 0.3529, 0.3760

Deuteranopia

32.5179, 0.3895, 0.3812



Tritanopia

32.3058, 0.3996, 0.3169

Trichromacy



Original Color

32.4112, 0.4261, 0.3541

Protanomaly

32.1686, 0.3784, 0.3676

Deuteranomaly

32.4169, 0.4034, 0.3709

Tritanomaly

32.1674, 0.4089, 0.3293

Monochromacy



Original Color

32.4112, 0.4261, 0.3541

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.9910, 0.3507, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4112, 0.4261, 0.3541 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(213, 134, 114)` looks like.

```
.text, #text, p{  
    color:rgb(213, 134, 114)  
}
```

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(213, 134, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 134, 114) }
```

Border

The CSS property to change the border of an element to Yxy 32.4112, 0.4261, 0.3541 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(213, 134, 114) }
```

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

```
.border{ border-color:rgb(213, 134, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 134, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 134, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 134, 114);  
box-shadow:4px 4px 4px 4px rgb(213, 134,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4112, 0.4261, 0.3541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 134, 114) }
```

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

```
.background{ background-color: rgb(213,  
134, 114) }
```

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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