

Converting Colors

XYZ(43.2404, 34.1608, 30.7002)

Have a look what the booklet for
XYZ(43.2404, 34.1608, 30.7002)
contains.

XYZ(43.2404, 34.1608, 30.7002)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.2404, 34.1608,
30.7002)**

Conversions

Conversions Part 1

Format	Color
Hex	DD8590
RGB	221, 133, 144
RGB Percent	87%, 52%, 56%
CMY	0.1333, 0.4784, 0.4353
CMYK	0.00, 0.40, 0.35, 0.13
HSL	353°, 56%, 69%
HSV	353°, 40%, 87%
XYZ	43.2404, 34.1608, 30.7002
YIQ	160.5660, 48.9170, 22.0770

Conversions

Conversions Part 2

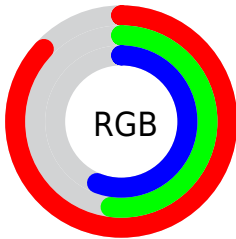
Format	Color
RYB	221, 133, 144
Decimal	14517648
CIELab	65.09, 35.02, 8.66
CIELCh	65, 36.081, 13.894
Yxy	34.1608, 0.4000, 0.3160
Android (android.graphics.Color)	4292707728 (0xFFDD8590)
YUV	160.5660, -8.1670, 53.0006
Hunter-Lab	58.4472, 29.7751, 9.7702

Details

The XYZ color **43.2404, 34.1608, 30.7002** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **47.1638, 61.3535, 70.3328**, and the grayscale version is **33.6966, 35.4515, 38.6066**.

A 20% lighter version of the original color is **69.2034, 60.8779, 61.5293**, and **20.1419, 14.6293, 12.3518** is the 20% darker color. If you saturate the color by 10%, you get **39.1732, 28.1926, 22.6662**, and if you desaturate by 10%, it is **48.1992, 41.5066, 40.2812**.

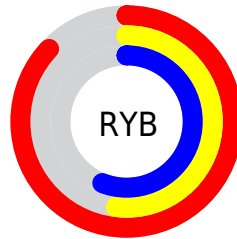
Distribution



Red (87%)

Green (52%)

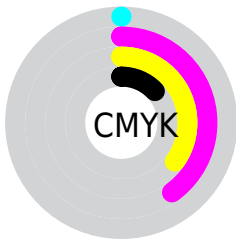
Blue (56%)



Red (87%)

Yellow (52%)

Blue (56%)

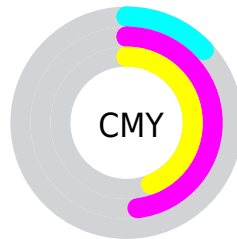


Cyan (0%)

Magenta (40%)

Yellow (35%)

Black (13%)



Cyan (13%)


Magenta (48%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2404, 34.1608, 30.7002 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 XYZ color 43.2404, 34.1608, 30.7002 by changing the saturation by 10% instead.


 43.2404, 34.1608,
30.7002


 43.2404, 34.1608,
30.7002


350.5043,
320.8485, 319.4631


 30.2691, 23.0172,
20.1141


 79.3270, 66.1836,
61.8418

 20.1920, 14.6062,
12.2931


 103.1730, 87.8316,
83.2344

 12.6438, 8.5435,
6.8187


 131.3746,
113.7499, 109.0662

 7.2590, 4.4446,
3.2722

164.2971,
144.3227, 139.7558

 3.6724, 1.9253,
1.2353

202.3060,
179.9346, 175.7218

 1.5185, 0.5635,
0.0078

245.7666,

 0.3384, 0.0000,

220.9700, 217.3826

0.0000

295.0442,
267.8131, 265.1569

■ 0.0000, 0.0000,
0.0000

■ 43.2404, 34.1608,
30.7002

■ 43.2404, 34.1608,
30.7002

■ 39.1732, 28.1926,
22.6662

■ 48.1992, 41.5066,
40.2812

■ 35.9416, 23.5113,
16.0958

■ 54.0955, 50.3034,
51.4826

■ 33.4877, 20.0232,
10.9008

■ 60.9754, 60.6250,
64.3755

■ 31.7448, 17.6200,
6.9826

■ 68.8812, 72.5391,
79.0260

■ 30.6349, 16.1733,
4.2291

■ 77.8526, 86.1092,
95.4969

■ 30.0325, 15.4647,
2.4988

■ 83.6289, 94.1122,
108.3655

■ 30.0239, 15.4542,
2.4751

Harmonies

Analogous

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



43.1189, 34.1608, 45.7697



43.2404, 34.1608, 30.7002



40.2671, 34.1608, 20.5891

Triad

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



43.2404, 34.1608, 30.7002



25.9845, 34.1608, 20.0636



29.7585, 34.1608, 72.2883

Complementary

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



43.2404, 34.1608, 30.7002



47.1638, 61.3535, 70.3328

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.



25.7486, 34.1608, 60.9461



43.2404, 34.1608, 30.7002



23.7349, 34.1608, 29.7648

Square

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



43.2404, 34.1608, 30.7002



30.1137, 34.1608, 15.6593



23.6534, 34.1608, 44.5474



34.9436, 34.1608, 72.7374

Rectangle

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



43.2404, 34.1608, 30.7002



37.0974, 34.1608, 16.8660



23.6534, 34.1608, 44.5474



28.2422, 34.1608, 69.5096

Sweetspot

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



43.2413, 34.1625, 30.7009



82.0379, 80.4004, 84.7566



47.8098, 35.5915, 72.7568



17.2833, 16.7942, 17.6250



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.2413, 34.1625, 30.7009



54.9098, 40.0605, 32.8115



47.5569, 44.0737, 28.1930



13.1219, 13.0779, 13.9033



17.4638, 8.9866, 1.5564



1.1536, 0.5911, 0.2180

Inverse Universe

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



43.2413, 34.1625, 30.7009



54.9098, 40.0605, 32.8115



40.8657, 46.4890, 75.2263



13.1219, 13.0779, 13.9033



17.4638, 8.9866, 1.5564



1.1536, 0.5911, 0.2180

Previews

White Background



This preview shows how the XYZ color 43.2404, 34.1608, 30.7002 looks on a white background.

Color Contrast Check

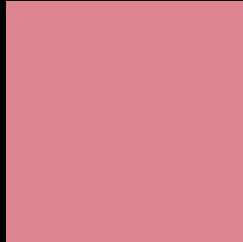
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 43.2404, 34.1608, 30.7002 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](#).

XYZ 43.2404, 34.1608, 30.7002

Background



This preview shows how black text looks on a background with the XYZ color 43.2404, 34.1608, 30.7002.



This preview shows how white text looks on a background with the XYZ color 43.2404, 34.1608,

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

43.2404, 34.1608, 30.7002

Protanopia

33.0106, 34.4651, 36.8109

Deuteranopia

35.0213, 34.4089, 29.9951



Tritanopia

43.1642, 34.1304, 30.2994

Trichromacy



Original Color

43.2404, 34.1608, 30.7002

Protanomaly

35.9434, 33.8292, 34.3410

Deuteranomaly

37.6670, 34.1129, 30.1904

Tritanomaly

43.1642, 34.1304, 30.2994

Monochromacy



Original Color

43.2404, 34.1608, 30.7002

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

36.5114, 34.5671, 35.7581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2404, 34.1608, 30.7002 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(221, 133, 144)` looks like.

```
.text, #text, p{  
    color:rgb(221, 133, 144)  
}
```

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(221, 133, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 133, 144) }
```

Border

The CSS property to change the border of an element to XYZ 43.2404, 34.1608, 30.7002 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(221, 133, 144) }
```


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

```
.border{ border-color:rgb(221, 133, 144) }
```

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

Here you see how a box with a 4 pixel rgb(221, 133, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 133, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 133, 144);  
box-shadow:4px 4px 4px 4px rgb(221, 133,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2404, 34.1608, 30.7002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 133, 144) }
```

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

```
.background{ background-color: rgb(221,  
133, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor