

Converting Colors

XYZ(43.4346, 35.5914, 40.2497)

Have a look what the booklet for
XYZ(43.4346, 35.5914, 40.2497)
contains.

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Color

**XYZ(43.3210, 35.4698,
40.1604)**

Conversions

Conversions Part 1

Format	Color
Hex	D48CA5
RGB	212, 140, 165
RGB Percent	83%, 55%, 65%
CMY	0.1686, 0.4510, 0.3529
CMYK	0.00, 0.34, 0.22, 0.17
HSL	339°, 46%, 69%
HSV	339°, 34%, 83%
XYZ	43.3210, 35.4698, 40.1604
YIQ	164.3780, 34.8870, 23.0390

Conversions

Conversions Part 2

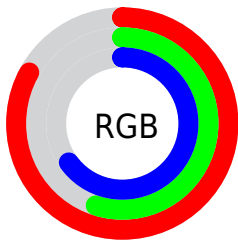
Format	Color
R_{YB}	212, 140, 165
Decimal	13929637
CIE Lab	66.11, 30.86, -1.86
CIE LCh	66, 30.911, 356.556
Yxy	35.4698, 0.3642, 0.2982
Android (android.graphics.Color)	4292119717 (0xFFD48CA5)
YUV	164.3780, 0.3066, 41.7645
Hunter-Lab	59.5565, 25.6157, 1.7089

Details

The XYZ color **43.3210, 35.4698, 40.1604** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.3299, 56.2512, 55.5903**, and the grayscale version is **35.4545, 37.3009, 40.6206**.

A 20% lighter version of the original color is **73.4501, 65.0109, 76.3873**, and **20.2633, 15.4049, 17.5282** is the 20% darker color. If you saturate the color by 10%, you get **39.3242, 29.3841, 32.9459**, and if you desaturate by 10%, it is **48.0529, 42.8069, 48.2933**.

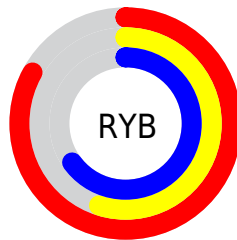
Distribution



Red (83%)

Green (55%)

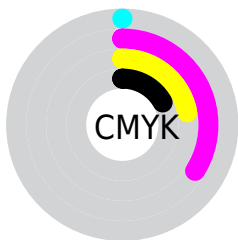
Blue (65%)



Red (83%)

Yellow (55%)

Blue (65%)

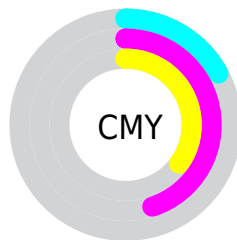


Cyan (0%)

Magenta (34%)

Yellow (22%)

Black (17%)



Cyan (17%)


Magenta (45%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3210, 35.4698, 40.1604 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 43.3210, 35.4698, 40.1604 by changing the saturation by 10% instead.


 43.3210, 35.4698,
40.1604


 43.3210, 35.4698,
40.1604

350.8294,
326.6372, 362.3713


 30.3327, 24.0250,
27.3489


 79.4477, 68.2129,
76.6475

 20.2406, 15.3522,
17.6007


 103.3168, 90.2800,
101.1601

 12.6793, 9.0669,
10.4972


 131.5436,
116.6567, 130.4102

 7.2836, 4.7849,
5.6200

164.4933,
147.7273, 164.8163

 3.6880, 2.1216,
2.5504

202.5314,
183.8763, 204.7969

 1.5272, 0.6767,
0.8667

246.0233,

 0.3442, 0.0000,

225.4880, 250.7706

0.0000

295.3341,
272.9468, 303.1559

■ 0.0000, 0.0000,
0.0000

■ 43.3210, 35.4698,
40.1604

■ 43.3210, 35.4698,
40.1604

■ 39.3242, 29.3841,
32.9459

■ 48.0529, 42.8069,
48.2933

■ 36.0208, 24.4742,
26.6135

■ 53.5526, 51.4553,
57.3747

■ 33.3694, 20.6642,
21.1272

■ 59.8546, 61.4771,
67.4359

■ 31.3225, 17.8670,
16.4477

■ 66.9902, 72.9288,
78.5061

■ 29.8259, 15.9824,
12.5316

■ 74.9889, 85.8640,
90.6133

■ 28.8146, 14.8886,
9.3303

■ 79.8609, 92.2969,
102.4448

■ 28.3743, 14.4862,
7.7094

■ 80.9615, 92.7371,
108.2407

Harmonies

Analogous

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



41.6336, 35.4698, 54.3074



43.3210, 35.4698, 40.1604



42.2474, 35.4698, 28.3791

Triad

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



43.3210, 35.4698, 40.1604



29.9162, 35.4698, 20.1240



29.0754, 35.4698, 63.8082

Complementary

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



43.3210, 35.4698, 40.1604



43.3299, 56.2512, 55.5903

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.



26.4130, 35.4698, 51.0699



43.3210, 35.4698, 40.1604



26.8666, 35.4698, 26.2891

Square

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



43.3210, 35.4698, 40.1604



34.2464, 35.4698, 18.4728



25.6423, 35.4698, 37.1206



33.1851, 35.4698, 69.7751

Rectangle

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



43.3210, 35.4698, 40.1604



40.1591, 35.4698, 23.0115



25.6423, 35.4698, 37.1206



27.9965, 35.4698, 60.0527

Sweetspot

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



43.3220, 35.4715, 40.1611



84.8824, 83.7696, 92.8566



41.7077, 34.0510, 66.6620



17.8844, 17.4795, 19.4191



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.



43.3220, 35.4715, 40.1611



61.1610, 46.7937, 52.6811



42.9207, 37.9611, 29.8780



12.5995, 12.4913, 13.8311



17.5596, 8.9602, 4.9848



1.0976, 0.5558, 0.5033

Inverse Universe

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



43.3220, 35.4715, 40.1611



61.1610, 46.7937, 52.6811



43.6334, 52.1966, 70.0630



12.5995, 12.4913, 13.8311



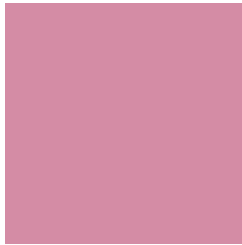
17.5596, 8.9602, 4.9848



1.0976, 0.5558, 0.5033

Previews

White Background



This preview shows how the XYZ color 43.3210, 35.4698, 40.1604 looks on a white background.

Color Contrast Check

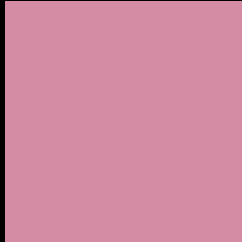
Large Text (above 18pt) WCAG AA × Fail

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 43.3210, 35.4698, 40.1604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

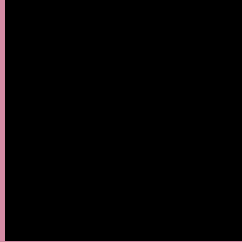
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3210, 35.4698, 40.1604

Background



This preview shows how black text looks on a background with the XYZ color 43.3210, 35.4698, 40.1604.



This preview shows how white text looks on a background with the XYZ color 43.3210, 35.4698,

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

43.3210, 35.4698, 40.1604

Protanopia

34.8047, 35.6869, 46.6488

Deuteranopia

36.3146, 35.6157, 39.1429



Tritanopia

42.2867, 35.4948, 34.7594

Trichromacy



Original Color

43.3210, 35.4698, 40.1604

Protanomaly

37.2942, 35.2646, 44.3763

Deuteranomaly

38.5035, 35.2759, 39.4299

Tritanomaly

42.4746, 35.3330, 36.4796

Monochromacy



Original Color

43.3210, 35.4698, 40.1604

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

37.4782, 35.9468, 40.0851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3210, 35.4698, 40.1604 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(212, 140, 165)` looks like.

```
.text, #text, p{  
    color:rgb(212, 140, 165)  
}
```

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(212, 140, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 140, 165) }
```

Border

The CSS property to change the border of an element to XYZ 43.3210, 35.4698, 40.1604 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(212, 140, 165) }
```


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

```
.border{ border-color:rgb(212, 140, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 140, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 140, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 140, 165);  
box-shadow:4px 4px 4px 4px rgb(212, 140,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3210, 35.4698, 40.1604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 140, 165) }
```

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

```
.background{ background-color: rgb(212,  
140, 165) }
```

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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