

Converting Colors

XYZ(41.1705, 35.1485, 24.3531)

Have a look what the booklet for
XYZ(41.1705, 35.1485, 24.3531)
contains.

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Color

**XYZ(41.1705, 35.1485,
24.3531)**

Conversions

Conversions Part 1

Format	Color
Hex	D68E7E
RGB	214, 142, 126
RGB Percent	84%, 56%, 49%
CMY	0.1608, 0.4431, 0.5059
CMYK	0.00, 0.34, 0.41, 0.16
HSL	11°, 52%, 67%
HSV	11°, 41%, 84%
XYZ	41.1705, 35.1485, 24.3531
YIQ	161.7040, 48.0480, 10.2880

Conversions

Conversions Part 2

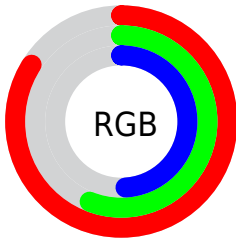
Format	Color
R _Y B	214, 146, 126
Decimal	14061182
CIE Lab	65.86, 25.45, 19.74
CIE LCh	66, 32.211, 37.800
Yxy	35.1485, 0.4090, 0.3491
Android (android.graphics.Color)	4292251262 (0xFFD68E7E)
YUV	161.7040, -17.6021, 45.8636
Hunter-Lab	59.2862, 20.2062, 17.1456

Details

The XYZ color **41.1705, 35.1485, 24.3531** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.9351, 49.6770, 71.0495**, and the grayscale version is **34.2690, 36.0536, 39.2624**.

A 20% lighter version of the original color is **69.1166, 63.9945, 51.3572**, and **18.9853, 15.1861, 8.9518** is the 20% darker color. If you saturate the color by 10%, you get **37.5311, 29.8482, 17.0406**, and if you desaturate by 10%, it is **45.5162, 41.3887, 33.3590**.

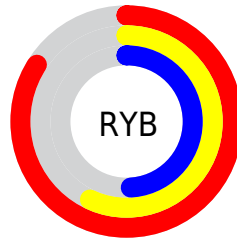
Distribution



Red (84%)

Green (56%)

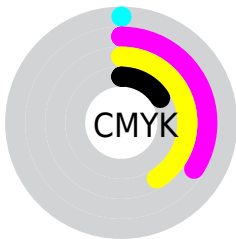
Blue (49%)



Red (84%)

Yellow (57%)

Blue (49%)

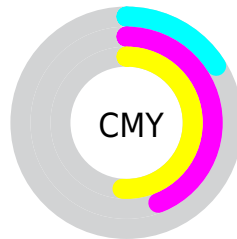


Cyan (0%)

Magenta (34%)

Yellow (41%)

Black (16%)



Cyan (16%)


Magenta (44%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1705, 35.1485, 24.3531 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 41.1705, 35.1485, 24.3531 by changing the saturation by 10% instead.


 41.1705, 35.1485,
24.3531


 41.1705, 35.1485,
24.3531

342.0831,
325.2233, 287.9446


 28.6406, 23.7773,
15.3811


 76.2157, 67.7158,
51.5568

 18.9520, 15.1685,
8.9377


 99.4618, 89.6806,
70.6257

 11.7394, 8.9377,
4.6043


 127.0105,
115.9454, 93.8972

 6.6374, 4.7006,
1.9624

159.2274,
146.8946, 121.7901

 3.2807, 2.0727,
0.5320

196.4778,
182.9126, 154.7227

 1.3039, 0.6492,
0.0000

239.1269,

 0.1861, 0.0000,

224.3838, 193.1136

0.0000

287.5403,
271.6926, 237.3814

■ 0.0000, 0.0000,
0.0000

■ 41.1705, 35.1485,
24.3531

■ 41.1705, 35.1485,
24.3531

■ 37.5311, 29.8482,
17.0406

■ 45.5162, 41.3887,
33.3590

■ 34.5573, 25.4370,
11.3129

■ 50.6008, 48.6061,
44.1533

■ 32.2082, 21.8670,
7.0521


■ 56.4577, 56.8424,
56.8267

■ 30.4371, 19.0834,
4.1227


■ 63.1179, 66.1353,
71.4627

■ 29.1901, 17.0251,
2.3638

■ 70.6103, 76.5204,
88.1401

 28.4545, 15.7420,
1.5388

 78.9625, 88.0319,
106.9333

 81.5416, 93.0362,
108.2678

Harmonies

Analogous

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



43.3162, 35.1485, 34.8237



41.1705, 35.1485, 24.3531



36.9850, 35.1485, 18.7763

Triad

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



41.1705, 35.1485, 24.3531



25.6327, 35.1485, 29.1999



34.6647, 35.1485, 70.5415

Complementary

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



41.1705, 35.1485, 24.3531



40.9351, 49.6770, 71.0495

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.



30.0687, 35.1485, 68.0168



41.1705, 35.1485, 24.3531



25.1385, 35.1485, 41.9381

Square

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



41.1705, 35.1485, 24.3531



28.1081, 35.1485, 21.0764



26.6875, 35.1485, 56.6809



39.3346, 35.1485, 62.9316

Rectangle

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



41.1705, 35.1485, 24.3531



33.7600, 35.1485, 17.6054



26.6875, 35.1485, 56.6809



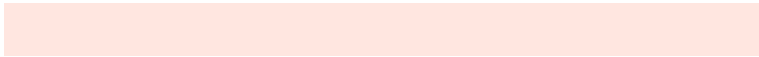
33.0577, 35.1485, 70.8775

Sweetspot

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



41.1714, 35.1502, 24.3538



83.0360, 83.2378, 82.4958



45.5402, 33.3572, 58.2745



17.5161, 17.4558, 17.0983



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.



41.1714, 35.1502, 24.3538



56.6270, 45.5818, 26.9503



48.7770, 50.3614, 26.8890



12.6041, 12.7825, 12.9637



17.2538, 9.6249, 0.9484



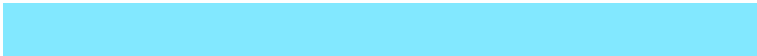
1.0966, 0.6923, 0.0758

Inverse Universe

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



40.9351, 49.6770, 71.0495



56.1978, 69.8381, 105.1259



32.5190, 32.8448, 68.2442



12.5912, 13.7058, 15.9194



16.6820, 21.6258, 41.7481



1.0573, 1.4067, 2.5351

Previews

White Background



This preview shows how the XYZ color 41.1705, 35.1485, 24.3531 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 41.1705, 35.1485, 24.3531 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 41.1705, 35.1485, 24.3531

Background



This preview shows how black text looks on a background with the XYZ color 41.1705, 35.1485, 24.3531.



This preview shows how white text looks on a background with the XYZ color 41.1705, 35.1485,

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

41.1705, 35.1485, 24.3531

Protanopia

33.3062, 35.3259, 27.9848

Deuteranopia

35.9327, 35.2578, 23.9804



Tritanopia

42.9763, 35.2341, 32.9695

Trichromacy



Original Color

41.1705, 35.1485, 24.3531

Protanomaly

35.5637, 34.7627, 26.6653

Deuteranomaly

37.6340, 35.1637, 24.2058

Tritanomaly

42.2101, 35.1263, 29.7546

Monochromacy



Original Color

41.1705, 35.1485, 24.3531

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

36.2022, 35.4364, 33.3656

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1705, 35.1485, 24.3531 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(214, 142, 126)` looks like.

```
.text, #text, p{  
    color:rgb(214, 142, 126)  
}
```

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(214, 142, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 142, 126) }
```

Border

The CSS property to change the border of an element to XYZ 41.1705, 35.1485, 24.3531 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(214, 142, 126) }
```


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

```
.border{ border-color:rgb(214, 142, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 142, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 142, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 142, 126); box-shadow:4px 4px 4px 4px rgb(214, 142, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1705, 35.1485, 24.3531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 142, 126) }
```

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

```
.background{ background-color: rgb(214,  
142, 126) }
```

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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