

Converting Colors

XYZ(44.7216, 40.5219, 36.4748)

Have a look what the booklet for
XYZ(44.7216, 40.5219, 36.4748)
contains.

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Color

**XYZ(44.7216, 40.5219,
36.4748)**

Conversions

Conversions Part 1

Format	Color
Hex	D29E9B
RGB	210, 158, 155
RGB Percent	82%, 62%, 61%
CMY	0.1765, 0.3804, 0.3922
CMYK	0.00, 0.25, 0.26, 0.18
HSL	3°, 38%, 72%
HSV	3°, 26%, 82%
XYZ	44.7216, 40.5219, 36.4748
YIQ	173.2060, 31.9550, 10.0910

Conversions

Conversions Part 2

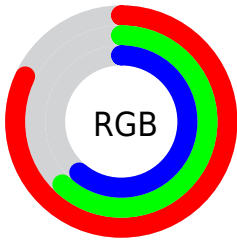
Format	Color
R _Y B	210, 158, 155
Decimal	13803163
CIE Lab	69.84, 18.89, 9.10
CIE LCh	70, 20.970, 25.711
Yxy	40.5219, 0.3674, 0.3329
Android (android.graphics.Color)	4291993243 (0xFFD29E9B)
YUV	173.2060, -8.9756, 32.2683
Hunter-Lab	63.6568, 14.0044, 10.5871

Details

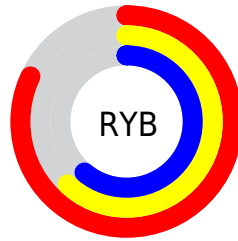
The XYZ color **44.7216, 40.5219, 36.4748** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.4627, 56.2457, 69.3280**, and the grayscale version is **39.8594, 41.9352, 45.6675**.

A 20% lighter version of the original color is **76.5429, 73.4519, 70.4650**, and **20.9792, 18.1776, 15.4996** is the 20% darker color. If you saturate the color by 10%, you get **39.9919, 33.6436, 26.9408**, and if you desaturate by 10%, it is **50.3072, 48.6207, 47.8082**.

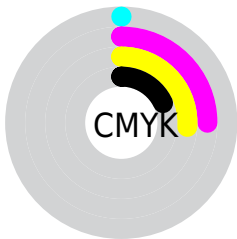
Distribution



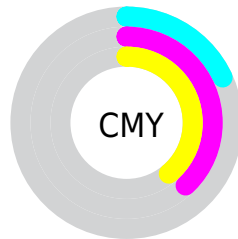
- Red (82%)
- Green (62%)
- Blue (61%)



- Red (82%)
- Yellow (62%)
- Blue (61%)



- Cyan (0%)
- Magenta (25%)
- Yellow (26%)
- Black (18%)





- Cyan (18%)
- Magenta (38%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.7216, 40.5219, 36.4748 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 44.7216, 40.5219, 36.4748 by changing the saturation by 10% instead.

 44.7216, 40.5219,
36.4748


 44.7216, 40.5219,
36.4748


356.4476,
348.3184, 346.1310

 31.4385, 27.9457,
24.5085


 81.5421, 75.9576,
70.9416

 21.0865, 18.2847,
15.4956

 105.8103, 99.5859,
94.2791

 13.3000, 11.1546,
9.0175


134.4709,
127.6670, 122.2442

 7.7139, 6.1709,
4.6556

167.8893,
160.5853, 155.2553

 3.9627, 2.9493,
1.9915

206.4308,
198.7252, 193.7310

 1.6810, 1.1053,
0.5500

250.4607,

 0.4444, 0.0000,

242.4711, 238.0898

0.0000

300.3445,
292.2073, 288.7503

0.0000, 0.0000,
0.0000

44.7216, 40.5219,
36.4748

44.7216, 40.5219,
36.4748

39.9919, 33.6436,
26.9408

50.3072, 48.6207,
47.8082

36.0729, 27.9214,
19.1113

56.7848, 57.9893,
61.0243

32.9198, 23.2935,
12.8865

64.1921, 68.6809,
76.2040

30.4825, 19.6901,
8.1554

72.5638, 80.7441,
93.4231

28.7048, 17.0333,
4.7926

80.3884, 92.4417,
108.2139

■ 27.5220, 15.2340,
2.6524

■ 26.8557, 14.1861,
1.5525

■ 26.7036, 13.9520,
1.2856

Harmonies

Analogous

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



45.4212, 40.5219, 45.5389



44.7216, 40.5219, 36.4748



42.3232, 40.5219, 30.3692

Triad

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



44.7216, 40.5219, 36.4748



33.3537, 40.5219, 34.3766



38.0272, 40.5219, 65.5909

Complementary

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



44.7216, 40.5219, 36.4748



47.4627, 56.2457, 69.3280

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.



34.9421, 40.5219, 61.5018



44.7216, 40.5219, 36.4748



32.3466, 40.5219, 42.7337

Square

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



44.7216, 40.5219, 36.4748



35.7431, 40.5219, 29.2888



32.9107, 40.5219, 52.7684



41.4263, 40.5219, 63.2686

Rectangle

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



44.7216, 40.5219, 36.4748



40.1538, 40.5219, 28.3280



32.9107, 40.5219, 52.7684



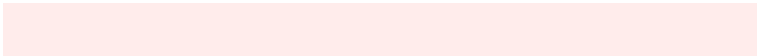
36.9211, 40.5219, 64.9060

Sweetspot

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



44.7227, 40.5238, 36.4756



86.0909, 87.0615, 90.5617



49.5931, 41.6620, 64.6199



18.0890, 18.1461, 18.6935



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.



44.7227, 40.5238, 36.4756



65.4469, 57.1433, 48.6287



49.8964, 50.8712, 38.2002



11.8598, 11.9103, 12.2859



16.3122, 8.5573, 0.7920



0.9307, 0.5157, 0.0505

Inverse Universe

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



47.4627, 56.2457, 69.3280



70.3412, 85.2404, 107.3534



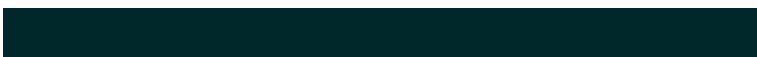
41.4217, 44.1639, 67.3143



12.1008, 13.2918, 15.1714



19.5125, 27.6717, 41.5052



1.1083, 1.5818, 2.3265

Previews

White Background



This preview shows how the XYZ color 44.7216, 40.5219, 36.4748 looks on a white background.

Color Contrast Check

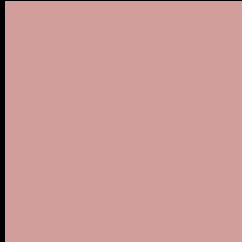
Large Text (above 18pt) WCAG AA × Fail

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 44.7216, 40.5219, 36.4748 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 44.7216, 40.5219, 36.4748

Background



This preview shows how black text looks on a background with the XYZ color 44.7216, 40.5219, 36.4748.



This preview shows how white text looks on a background with the XYZ color 44.7216, 40.5219,

36.4748.

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

44.7216, 40.5219, 36.4748

Protanopia

38.8008, 40.5882, 39.9717

Deuteranopia

41.5360, 40.7127, 36.2410



Tritanopia

45.8203, 40.4530, 42.4390

Trichromacy



Original Color

44.7216, 40.5219, 36.4748

Protanomaly

40.6333, 40.4670, 38.4702

Deuteranomaly

42.5725, 40.4531, 36.1363

Tritanomaly

45.5318, 40.6072, 40.0885

Monochromacy



Original Color

44.7216, 40.5219, 36.4748

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.1353, 41.1975, 41.8603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.7216, 40.5219, 36.4748 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(210, 158, 155)` looks like.

```
.text, #text, p{  
    color:rgb(210, 158, 155)  
}
```

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(210, 158, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 158, 155) }
```

Border

The CSS property to change the border of an element to XYZ 44.7216, 40.5219, 36.4748 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(210, 158, 155) }
```


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

```
.border{ border-color:rgb(210, 158, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 158, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 158, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 158, 155);  
box-shadow:4px 4px 4px 4px rgb(210, 158,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 44.7216, 40.5219, 36.4748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 158, 155) }
```

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

```
.background{ background-color: rgb(210,  
158, 155) }
```

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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