

Converting Colors

XYZ(40.3907, 32.4162, 25.4359)

Have a look what the booklet for
XYZ(40.3907, 32.4162, 25.4359)
contains.

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Color

**XYZ(40.5319, 32.4702,
25.6038)**

Conversions

Conversions Part 1

Format	Color
Hex	D88383
RGB	216, 131, 131
RGB Percent	85%, 51%, 51%
CMY	0.1529, 0.4863, 0.4863
CMYK	0.00, 0.39, 0.39, 0.15
HSL	0°, 52%, 68%
HSV	0°, 39%, 85%
XYZ	40.5319, 32.4702, 25.6038
YIQ	156.4150, 50.6600, 18.0200

Conversions

Conversions Part 2

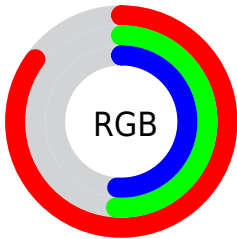
Format	Color
R _Y B	216, 131, 131
Decimal	14189443
CIE Lab	63.73, 32.69, 14.02
CIE LCh	64, 35.565, 23.214
Yxy	32.4702, 0.4110, 0.3293
Android (android.graphics.Color)	4292379523 (0xFFD88383)
YUV	156.4150, -12.5296, 52.2560
Hunter-Lab	56.9826, 27.2479, 13.2473

Details

The XYZ color **40.5319, 32.4702, 25.6038** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **46.3094, 58.8923, 73.8922**, and the grayscale version is **31.8246, 33.4819, 36.4618**.

A 20% lighter version of the original color is **67.2407, 59.4186, 53.2724**, and **18.4922, 13.6156, 9.6361** is the 20% darker color. If you saturate the color by 10%, you get **36.6130, 26.7360, 17.8123**, and if you desaturate by 10%, it is **45.3623, 39.5389, 35.2054**.

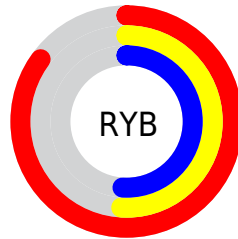
Distribution



Red (85%)

Green (51%)

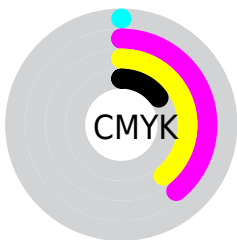
Blue (51%)



Red (85%)

Yellow (51%)

Blue (51%)

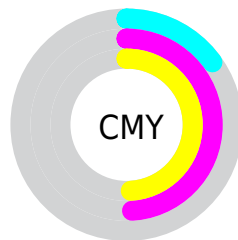


Cyan (0%)

Magenta (39%)

Yellow (39%)

Black (15%)



Cyan (15%)


Magenta (49%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.5319, 32.4702, 25.6038 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 40.5319, 32.4702, 25.6038 by changing the saturation by 10% instead.


 40.5319, 32.4702,
25.6038


 40.5319, 32.4702,
25.6038


339.4565,
313.2556, 294.3750


 28.1396, 21.7209,
16.3044


 75.2520, 63.5475,
53.6113

 18.5719, 13.6520,
9.5831


 98.3105, 84.6443,
73.1564

 11.4635, 7.8790,
5.0215


 125.6550,
109.9590, 96.9539

 6.4491, 4.0176,
2.2009

157.6510,
139.8761, 125.4223

 3.1633, 1.6834,
0.6749

194.6638,
174.7799, 158.9800

 1.2407, 0.4129,
0.0000

237.0587,

 0.1381, 0.0000,

215.0548, 198.0457

0.0000

285.2012,
261.0852, 243.0378

■ 0.0000, 0.0000,
0.0000

■ 40.5319, 32.4702,
25.6038

■ 40.5319, 32.4702,
25.6038

■ 36.6130, 26.7360,
17.8123

■ 45.3623, 39.5389,
35.2054

■ 33.5461, 22.2482,
11.7156

■ 51.1538, 48.0135,
46.7186

■ 31.2687, 18.9156,
7.1884

■ 57.9553, 57.9660,
60.2398

■ 29.7085, 16.6325,
4.0871

■ 65.8117, 69.4621,
75.8582

■ 28.7802, 15.2741,
2.2420

■ 74.7653, 82.5636,
93.6578

■ 28.3419, 14.6327,
1.3708

■ 82.1289, 93.3389,
108.2953

■ 28.3190, 14.5992,
1.3253

Harmonies

Analogous

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



41.3877, 32.4702, 38.6972



40.5319, 32.4702, 25.6038



36.9626, 32.4702, 17.6169

Triad

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



40.5319, 32.4702, 25.6038



23.8067, 32.4702, 21.3365



29.7435, 32.4702, 70.2032

Complementary

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



40.5319, 32.4702, 25.6038



46.3094, 58.8923, 73.8922

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.



25.4724, 32.4702, 62.1996



40.5319, 32.4702, 25.6038



22.2917, 32.4702, 32.2101

Square

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



40.5319, 32.4702, 25.6038



27.2372, 32.4702, 15.6565



22.8671, 32.4702, 47.3113



34.7948, 32.4702, 67.0457

Rectangle

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



40.5319, 32.4702, 25.6038



33.7126, 32.4702, 15.0530



22.8671, 32.4702, 47.3113



28.1767, 32.4702, 68.6710

Sweetspot

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



40.5327, 32.4718, 25.6044



81.5126, 80.1911, 81.9880



48.8299, 35.7896, 69.3001



17.1609, 16.7454, 16.9798



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.



40.5327, 32.4718, 25.6044



54.3096, 40.3853, 27.9098



47.4554, 46.3170, 27.9120



12.4234, 12.4209, 12.9034



16.7620, 8.6413, 0.7845



1.0110, 0.5212, 0.0473

Inverse Universe

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



46.3094, 58.8923, 73.8922



63.8236, 83.8988, 107.4380



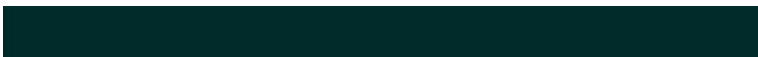
36.7946, 39.8626, 70.7206



12.7922, 14.1078, 15.9864



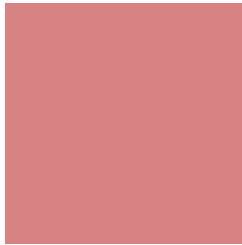
21.8691, 31.9999, 43.4771



1.3191, 1.9301, 2.6223

Previews

White Background



This preview shows how the XYZ color 40.5319, 32.4702, 25.6038 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 40.5319, 32.4702, 25.6038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

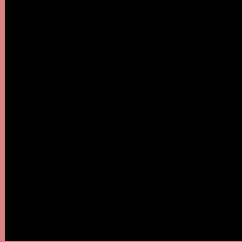
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.5319, 32.4702, 25.6038

Background



This preview shows how black text looks on a background with the XYZ color 40.5319, 32.4702, 25.6038.



This preview shows how white text looks on a background with the XYZ color 40.5319, 32.4702,

25.6038.

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

40.5319, 32.4702, 25.6038

Protanopia

31.0107, 32.5680, 30.6384

Deuteranopia

33.2341, 32.6371, 24.9700



Tritanopia

41.2581, 32.5811, 28.5403

Trichromacy



Original Color

40.5319, 32.4702, 25.6038

Protanomaly

33.7615, 32.1251, 28.8474

Deuteranomaly

35.3737, 32.1374, 25.1076

Tritanomaly

41.0418, 32.4946, 27.4015

Monochromacy



Original Color

40.5319, 32.4702, 25.6038

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

34.0603, 32.4390, 32.0699

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5319, 32.4702, 25.6038 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(216, 131, 131)` looks like.

```
.text, #text, p{  
    color:rgb(216, 131, 131)  
}
```

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(216, 131, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 131, 131) }
```

Border

The CSS property to change the border of an element to XYZ 40.5319, 32.4702, 25.6038 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(216, 131, 131) }
```


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

```
.border{ border-color:rgb(216, 131, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 131, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 131, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 131, 131);  
box-shadow:4px 4px 4px 4px rgb(216, 131,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5319, 32.4702, 25.6038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 131, 131) }
```

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

```
.background{ background-color: rgb(216,  
131, 131) }
```

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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