

Converting Colors

XYZ(40.1529, 32.9048, 24.6571)

Have a look what the booklet for
XYZ(40.1529, 32.9048, 24.6571)
contains.

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Color

**XYZ(40.1529, 32.9048,
24.6571)**

Conversions

Conversions Part 1

Format	Color
Hex	D68680
RGB	214, 134, 128
RGB Percent	84%, 53%, 50%
CMY	0.1608, 0.4745, 0.4980
CMYK	0.00, 0.37, 0.40, 0.16
HSL	4°, 51%, 67%
HSV	4°, 40%, 84%
XYZ	40.1529, 32.9048, 24.6571
YIQ	157.2360, 49.6060, 15.0940

Conversions

Conversions Part 2

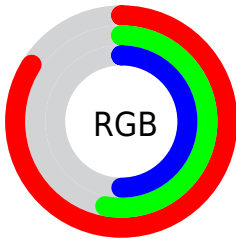
Format	Color
R _Y B	214, 134, 128
Decimal	14059136
CIE Lab	64.08, 29.98, 16.17
CIE LCh	64, 34.065, 28.338
Yxy	32.9048, 0.4109, 0.3367
Android (android.graphics.Color)	4292249216 (0xFFD68680)
YUV	157.2360, -14.4133, 49.7820
Hunter-Lab	57.3627, 24.5622, 14.6684

Details

The XYZ color **40.1529, 32.9048, 24.6571** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **43.5946, 54.5538, 71.8505**, and the grayscale version is **32.2021, 33.8791, 36.8943**.

A 20% lighter version of the original color is **67.5637, 60.5626, 51.8448**, and **18.4092, 13.9191, 9.1135** is the 20% darker color. If you saturate the color by 10%, you get **36.3930, 27.4064, 17.1720**, and if you desaturate by 10%, it is **44.7294, 39.5609, 33.8805**.

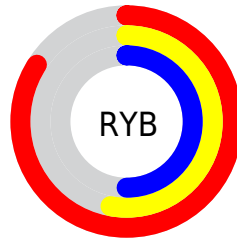
Distribution



Red (84%)

Green (53%)

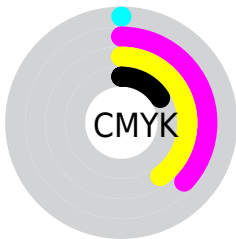
Blue (50%)



Red (84%)

Yellow (53%)

Blue (50%)

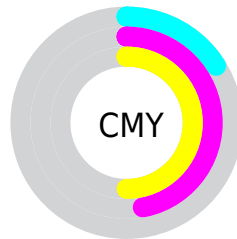


Cyan (0%)

Magenta (37%)

Yellow (40%)

Black (16%)



Cyan (16%)


Magenta (47%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.1529, 32.9048, 24.6571 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 40.1529, 32.9048, 24.6571 by changing the saturation by 10% instead.


 40.1529, 32.9048,
24.6571


 40.1529, 32.9048,
24.6571


337.8910,
315.2205, 289.5188

 27.8425, 22.0535,
15.6051


 74.6791, 64.2269,
52.0576

 18.3468, 13.8962,
9.0938


 97.6257, 85.4665,
71.2431

 11.3005, 8.0485,
4.7048


 124.8484,
110.9376, 94.6436

 6.3381, 4.1260,
2.0194

156.7126,
141.0247, 122.6776

 3.0943, 1.7443,
0.5672

193.5836,
176.1122, 155.7635

 1.2038, 0.4521,
0.0000

235.8267,

 0.1094, 0.0000,

216.5843, 194.3200

0.0000

283.8074,
262.8257, 238.7656

■ 0.0000, 0.0000,
0.0000

■ 40.1529, 32.9048,
24.6571

■ 40.1529, 32.9048,
24.6571

■ 36.3930, 27.4064,
17.1720

■ 44.7294, 39.5609,
33.8805

■ 33.3992, 22.9952,
11.3145

■ 50.1640, 47.4304,
44.9398

■ 31.1193, 19.6002,
6.9639

■ 56.4985, 56.5713,
57.9277

■ 29.4937, 17.1402,
3.9822

■ 63.7710, 67.0363,
72.9298

■ 28.4526, 15.5218,
2.2059

■ 72.0176, 78.8754,
90.0269

■ 27.9015, 14.6361,
1.3545

■ 81.0461, 92.0452,
108.1027

■ 81.5415, 93.0361,
108.2678

Harmonies

Analogous

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



41.4732, 32.9048, 36.6023



40.1529, 32.9048, 24.6571



36.3913, 32.9048, 17.6650

Triad

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



40.1529, 32.9048, 24.6571



24.0375, 32.9048, 23.6333



31.0073, 32.9048, 69.4080

Complementary

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



40.1529, 32.9048, 24.6571



43.5946, 54.5538, 71.8505

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.



26.6623, 32.9048, 63.4697



40.1529, 32.9048, 24.6571



22.9027, 32.9048, 35.0642

Square

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



40.1529, 32.9048, 24.6571



27.0826, 32.9048, 17.1894



23.8129, 32.9048, 49.9465



35.8792, 32.9048, 64.6023

Rectangle

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



40.1529, 32.9048, 24.6571



33.1842, 32.9048, 15.6272



23.8129, 32.9048, 49.9465



29.4405, 32.9048, 68.5780

Sweetspot

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



40.1538, 32.9064, 24.6577



82.0914, 81.3485, 82.1809



46.8688, 34.3020, 63.9973



17.2956, 17.0150, 17.0248



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.



40.1538, 32.9064, 24.6577



54.9925, 42.0353, 27.2609



47.2975, 47.1939, 27.0390



12.4922, 12.5586, 12.9264



16.8925, 8.9023, 0.8280



1.0439, 0.5869, 0.0583

Inverse Universe

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



43.5946, 54.5538, 71.8505



60.7539, 78.3621, 106.5311



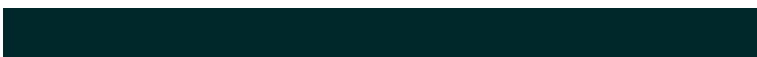
34.5432, 36.4511, 68.8334



12.7145, 13.9525, 15.9605



19.7210, 27.7037, 42.7611



1.2122, 1.7165, 2.5867

Previews

White Background



This preview shows how the XYZ color 40.1529, 32.9048, 24.6571 looks on a white background.

Color Contrast Check

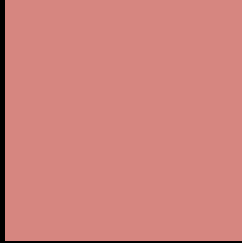
Large Text (above 18pt) WCAG AA × Fail

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 40.1529, 32.9048, 24.6571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

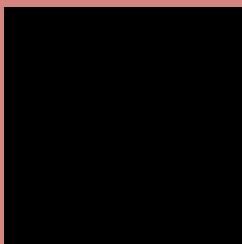
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.1529, 32.9048, 24.6571

Background



This preview shows how black text looks on a background with the XYZ color 40.1529, 32.9048, 24.6571.



This preview shows how white text looks on a background with the XYZ color 40.1529, 32.9048,

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

40.1529, 32.9048, 24.6571

Protanopia

31.4858, 33.0933, 29.1543

Deuteranopia

33.6641, 33.1171, 24.0200



Tritanopia

41.1581, 32.9026, 29.7728

Trichromacy



Original Color

40.1529, 32.9048, 24.6571

Protanomaly

34.0983, 32.5618, 27.4095

Deuteranomaly

35.7315, 32.7903, 24.1846

Tritanomaly

40.9272, 33.0283, 27.8849

Monochromacy



Original Color

40.1529, 32.9048, 24.6571

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

34.2959, 33.0352, 31.7630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1529, 32.9048, 24.6571 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, 134, 128)` looks like.

```
.text, #text, p{  
    color:rgb(214, 134, 128)  
}
```

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, 134, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 134, 128) }
```

Border

The CSS property to change the border of an element to XYZ 40.1529, 32.9048, 24.6571 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, 134, 128) }
```


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

```
.border{ border-color:rgb(214, 134, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 134, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 134, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 134, 128);  
box-shadow:4px 4px 4px 4px rgb(214, 134,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1529, 32.9048, 24.6571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 134, 128) }
```

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

```
.background{ background-color: rgb(214,  
134, 128) }
```

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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