

Converting Colors

XYZ(41.9900, 32.5632, 24.3270)

Have a look what the booklet for
XYZ(41.9900, 32.5632, 24.3270)
contains.

XYZ(42.0469, 32.6848, 24.5148)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(42.0469, 32.6848,
24.5148)**

Conversions

Conversions Part 1

Format	Color
Hex	DF8080
RGB	223, 128, 128
RGB Percent	87%, 50%, 50%
CMY	0.1255, 0.4980, 0.4980
CMYK	0.00, 0.43, 0.43, 0.13
HSL	0°, 60%, 69%
HSV	0°, 43%, 87%
XYZ	42.0469, 32.6848, 24.5148
YIQ	156.4050, 56.6200, 20.1400

Conversions

Conversions Part 2

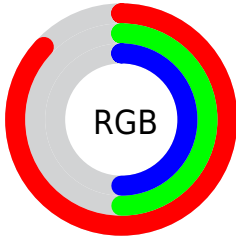
Format	Color
R _Y B	223, 128, 128
Decimal	14647424
CIE Lab	63.90, 36.56, 16.10
CIE LCh	64, 39.949, 23.761
Yxy	32.6848, 0.4237, 0.3293
Android (android.graphics.Color)	4292837504 (0xFFDF8080)
YUV	156.4050, -14.0037, 58.4038
Hunter-Lab	57.1706, 31.2316, 14.5958

Details

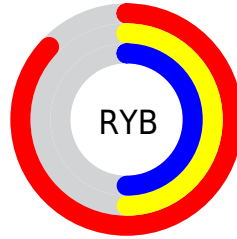
The XYZ color **42.0469, 32.6848, 24.5148** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **48.6079, 62.6897, 79.3504**, and the grayscale version is **31.8247, 33.4820, 36.4619**.

A 20% lighter version of the original color is **66.3084, 58.0521, 51.4264**, and **19.5822, 13.8716, 9.0425** is the 20% darker color. If you saturate the color by 10%, you get **38.1413, 26.9702, 16.7498**, and if you desaturate by 10%, it is **46.9158, 39.8098, 34.1928**.

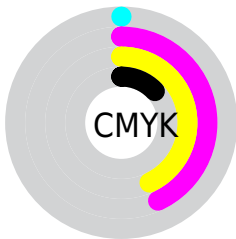
Distribution



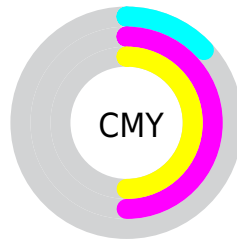
- Red (87%)
- Green (50%)
- Blue (50%)



- Red (87%)
- Yellow (50%)
- Blue (50%)



- Cyan (0%)
- Magenta (43%)
- Yellow (43%)
- Black (13%)





- Cyan (13%)
- Magenta (50%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.0469, 32.6848, 24.5148 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 42.0469, 32.6848, 24.5148 by changing the saturation by 10% instead.


 42.0469, 32.6848,
24.5148


 42.0469, 32.6848,
24.5148


345.6656,
314.2270, 288.7828

 29.3293, 21.8851,
15.5002


 77.5353, 63.8831,
51.8233

 19.4756, 13.7725,
9.0207


 101.0368, 85.0505,
70.9543

 12.1205, 7.9626,
4.6577


 128.8637,
110.4426, 94.2945

 6.8986, 4.0710,
1.9926


161.3813,
140.4437, 122.2625

 3.4445, 1.7134,
0.5508

198.9549,
175.4384, 155.2768

 1.3930, 0.4323,
0.0000

241.9499,

 0.2512, 0.0000,

215.8109, 193.7559

0.0000

290.7317,
261.9456, 238.1184

■ 0.0000, 0.0000,
0.0000

■ 42.0469, 32.6848,
24.5148

■ 42.0469, 32.6848,
24.5148

■ 38.1413, 26.9702,
16.7498

■ 46.9158, 39.8098,
34.1928

■ 35.1329, 22.5679,
10.7694

■ 52.8034, 48.4251,
45.8970

■ 32.9511, 19.3752,
6.4322

■ 59.7639, 58.6102,
59.7342

■ 31.5137, 17.2718,
3.5751

■ 67.8468, 70.4378,
75.8028

■ 30.7217, 16.1128,
2.0010

■ 77.0987, 83.9760,
94.1955

■ 30.4315, 15.6882,
1.4242

■ 84.2414, 94.4280,
108.3942

Harmonies

Analogous

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



43.0984, 32.6848, 39.0597



42.0469, 32.6848, 24.5148



37.9044, 32.6848, 16.0028

Triad

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



42.0469, 32.6848, 24.5148



23.1373, 32.6848, 20.2448



29.9059, 32.6848, 76.0870

Complementary

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



42.0469, 32.6848, 24.5148



48.6079, 62.6897, 79.3504

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.



25.1038, 32.6848, 66.8535



42.0469, 32.6848, 24.5148



21.5115, 32.6848, 32.3288

Square

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



42.0469, 32.6848, 24.5148



26.9107, 32.6848, 14.1083



22.1855, 32.6848, 49.5764



35.6282, 32.6848, 72.1075

Rectangle

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



42.0469, 32.6848, 24.5148



34.1879, 32.6848, 13.3718



22.1855, 32.6848, 49.5764



28.1400, 32.6848, 74.3548

Sweetspot

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



42.0477, 32.6864, 24.5154



80.4866, 78.6897, 79.9484



51.4700, 36.4543, 74.1356



16.7544, 16.1506, 16.1718



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.



42.0477, 32.6864, 24.5154



52.2666, 37.3957, 23.8486



49.7554, 48.1017, 27.0846



13.7073, 13.7007, 14.2288



17.8933, 9.2245, 0.8374



1.2403, 0.6394, 0.0581

Inverse Universe

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



48.6079, 62.6897, 79.3504



62.2580, 83.0919, 107.3647



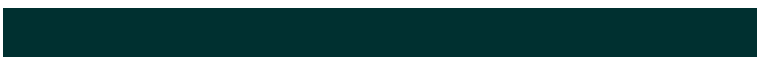
37.6491, 40.7722, 75.6975



14.1166, 15.5723, 17.6494



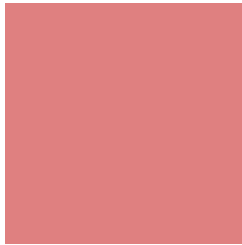
23.3453, 34.1601, 46.4115



1.6182, 2.3678, 3.2170

Previews

White Background



This preview shows how the XYZ color 42.0469, 32.6848, 24.5148 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 42.0469, 32.6848, 24.5148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

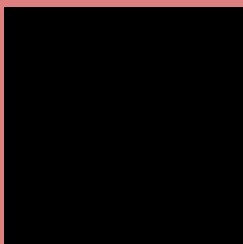
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.0469, 32.6848, 24.5148

Background



This preview shows how black text looks on a background with the XYZ color 42.0469, 32.6848, 24.5148.



This preview shows how white text looks on a background with the XYZ color 42.0469, 32.6848,

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

42.0469, 32.6848, 24.5148

Protanopia

31.2270, 32.9428, 29.9121

Deuteranopia

33.4416, 32.7739, 23.6322



Tritanopia

42.7738, 32.8036, 27.3699

Trichromacy



Original Color

42.0469, 32.6848, 24.5148

Protanomaly

34.3365, 32.2187, 27.7017

Deuteranomaly

35.9915, 32.2662, 23.7331

Tritanomaly

42.5635, 32.7195, 26.2625

Monochromacy



Original Color

42.0469, 32.6848, 24.5148

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

34.2896, 32.3364, 31.6284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0469, 32.6848, 24.5148 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(223, 128, 128)` looks like.

```
.text, #text, p{  
    color:rgb(223, 128, 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(223, 128, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 128, 128) }
```

Border

The CSS property to change the border of an element to XYZ 42.0469, 32.6848, 24.5148 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(223, 128, 128) }
```


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

```
.border{ border-color:rgb(223, 128, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 128, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 128, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 128, 128); box-shadow:4px 4px 4px 4px rgb(223, 128, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0469, 32.6848, 24.5148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 128, 128) }
```

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

```
.background{ background-color: rgb(223,  
128, 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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