

Converting Colors

XYZ(41.8653, 32.0835, 23.7618)

Have a look what the booklet for
XYZ(41.8653, 32.0835, 23.7618)
contains.

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Color

**XYZ(41.8400, 32.0209,
23.7141)**

Conversions

Conversions Part 1

Format	Color
Hex	E07D7E
RGB	224, 125, 126
RGB Percent	88%, 49%, 49%
CMY	0.1216, 0.5098, 0.5059
CMYK	0.00, 0.44, 0.44, 0.12
HSL	359°, 61%, 68%
HSV	359°, 44%, 88%
XYZ	41.8400, 32.0209, 23.7141
YIQ	154.7150, 58.6830, 21.2990

Conversions

Conversions Part 2

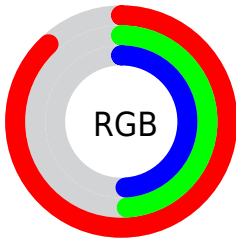
Format	Color
RYB	224, 125, 126
Decimal	14712190
CIELab	63.36, 38.28, 16.50
CIElCh	63, 41.687, 23.311
Yxy	32.0209, 0.4288, 0.3282
Android (android.graphics.Color)	4292902270 (0xFFE07D7E)
YUV	154.7150, -14.1565, 60.7629
Hunter-Lab	56.5870, 32.9542, 14.7641

Details

The XYZ color **41.8400, 32.0209, 23.7141** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **48.4340, 62.9997, 79.4233**, and the grayscale version is **31.0730, 32.6913, 35.6008**.

A 20% lighter version of the original color is **65.4968, 56.7549, 50.1506**, and **19.2391, 13.3002, 8.5744** is the 20% darker color. If you saturate the color by 10%, you get **38.0415, 26.4656, 16.1538**, and if you desaturate by 10%, it is **46.5967, 38.9850, 33.1590**.

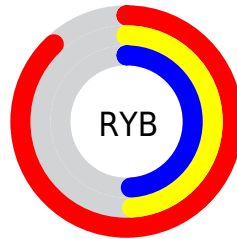
Distribution



Red (88%)

Green (49%)

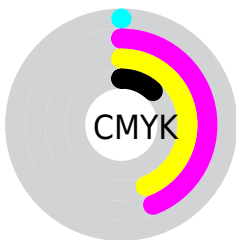
Blue (49%)



Red (88%)

Yellow (49%)

Blue (49%)

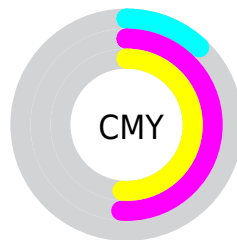


Cyan (0%)

Magenta (44%)

Yellow (44%)

Black (12%)



Cyan (12%)


Magenta (51%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8400, 32.0209, 23.7141 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 41.8400, 32.0209, 23.7141 by changing the saturation by 10% instead.


 41.8400, 32.0209,
23.7141


 41.8400, 32.0209,
23.7141


344.8222,
311.2144, 284.6117

 29.1666, 21.3775,
14.9114

 77.2241, 62.8439,
50.5012

 19.3518, 13.4002,
8.6113


 100.6655, 83.7922,
69.3228

 12.0303, 7.7047,
4.3952

 128.4269,
108.9442, 92.3210

 6.8366, 3.9066,
1.8446

160.8738,
138.6844, 119.9145

 3.4056, 1.6214,
0.4571

198.3714,
173.3971, 152.5218

 1.3717, 0.3720,
0.0000

241.2850,

 0.2359, 0.0000,

213.4668, 190.5614

0.0000

289.9802,
259.2778, 234.4518

■ 0.0000, 0.0000,
0.0000

■ 41.8400, 32.0209,
23.7141

■ 41.8400, 32.0209,
23.7141

■ 38.0415, 26.4656,
16.1538

■ 46.5967, 38.9850,
33.1590

■ 35.1340, 22.2188,
10.3501

■ 52.3678, 47.4398,
44.6012

■ 33.0456, 19.1746,
6.1621

■ 59.2082, 57.4664,
58.1467

■ 31.6922, 17.2089,
3.4264

■ 67.1681, 69.1389,
73.8936

■ 30.9716, 16.1701,
1.9454

■ 76.2944, 82.5265,
91.9337

■ 30.7528, 15.8522,
1.5035

■ 84.5504, 94.5873,
108.4086

Harmonies

Analogous

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



42.8778, 32.0209, 38.7105



41.8400, 32.0209, 23.7141



37.5788, 32.0209, 15.0461

Triad

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



41.8400, 32.0209, 23.7141



22.3558, 32.0209, 19.0812



29.1571, 32.0209, 77.0586

Complementary

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



41.8400, 32.0209, 23.7141



48.4340, 62.9997, 79.4233

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.



24.2591, 32.0209, 67.1707



41.8400, 32.0209, 23.7141



20.6673, 32.0209, 31.2836

Square

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



41.8400, 32.0209, 23.7141



26.2406, 32.0209, 13.0244



21.3172, 32.0209, 49.0573



35.0539, 32.0209, 73.0833

Rectangle

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



41.8400, 32.0209, 23.7141



33.7435, 32.0209, 12.3822



21.3172, 32.0209, 49.0573



27.3500, 32.0209, 75.1648

Sweetspot

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



41.8408, 32.0225, 23.7147



80.5308, 78.7067, 80.1834



51.0205, 35.6356, 74.7102



16.7651, 16.1547, 16.2287



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.



41.8408, 32.0225, 23.7147



51.4024, 36.0425, 22.4037



49.3580, 47.1590, 25.9054



13.7128, 13.7028, 14.2579



17.9029, 9.2282, 0.8884



1.2429, 0.6404, 0.0721

Inverse Universe

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



41.8408, 32.0225, 23.7147



51.4024, 36.0425, 22.4037



37.4683, 40.8530, 76.4315



13.7128, 13.7028, 14.2579



17.9029, 9.2282, 0.8884



1.2429, 0.6404, 0.0721

Previews

White Background



This preview shows how the XYZ color 41.8400, 32.0209, 23.7141 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 41.8400, 32.0209, 23.7141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

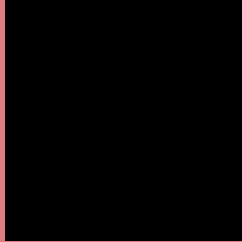
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.8400, 32.0209, 23.7141

Background



This preview shows how black text looks on a background with the XYZ color 41.8400, 32.0209, 23.7141.



This preview shows how white text looks on a background with the XYZ color 41.8400, 32.0209,

23.7141.

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

41.8400, 32.0209, 23.7141

Protanopia

30.6221, 32.1495, 29.4025

Deuteranopia

32.9251, 32.2882, 22.9093



Tritanopia

42.4926, 32.1163, 26.1498

Trichromacy



Original Color

41.8400, 32.0209, 23.7141

Protanomaly

33.7241, 31.4615, 27.2169

Deuteranomaly

35.7182, 31.9220, 23.0179

Tritanomaly

42.2883, 32.0346, 25.0735

Monochromacy



Original Color

41.8400, 32.0209, 23.7141

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

33.8297, 31.6634, 30.7142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8400, 32.0209, 23.7141 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(224, 125, 126)` looks like.

```
.text, #text, p{  
    color:rgb(224, 125, 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(224, 125, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 125, 126) }
```

Border

The CSS property to change the border of an element to XYZ 41.8400, 32.0209, 23.7141 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(224, 125, 126) }
```


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

```
.border{ border-color:rgb(224, 125, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 125, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 125, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 125, 126);  
box-shadow:4px 4px 4px 4px rgb(224, 125,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8400, 32.0209, 23.7141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 125, 126) }
```

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

```
.background{ background-color: rgb(224,  
125, 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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