

Converting Colors

XYZ(40.6171, 32.8236, 20.7178)

Have a look what the booklet for
XYZ(40.6171, 32.8236, 20.7178)
contains.

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Color

**XYZ(40.6171, 32.8236,
20.7178)**

Conversions

Conversions Part 1

Format	Color
Hex	DB8474
RGB	219, 132, 116
RGB Percent	86%, 52%, 45%
CMY	0.1412, 0.4823, 0.5451
CMYK	0.00, 0.40, 0.47, 0.14
HSL	9°, 59%, 66%
HSV	9°, 47%, 86%
XYZ	40.6171, 32.8236, 20.7178
YIQ	156.1890, 56.9880, 13.4680

Conversions

Conversions Part 2

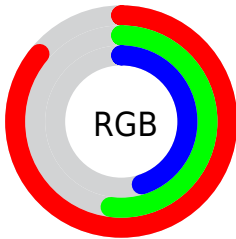
Format	Color
R _Y B	219, 135, 116
Decimal	14386292
CIE Lab	64.02, 31.71, 22.93
CIE LCh	64, 39.128, 35.872
Yxy	32.8236, 0.4314, 0.3486
Android (android.graphics.Color)	4292576372 (0xFFDB8474)
YUV	156.1890, -19.8132, 55.0852
Hunter-Lab	57.2919, 26.2868, 18.6640

Details

The XYZ color **40.6171, 32.8236, 20.7178** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **41.3434, 51.5368, 74.7863**, and the grayscale version is **31.7531, 33.4067, 36.3799**.

A 20% lighter version of the original color is **65.8668, 59.2050, 45.0019**, and **18.6838, 13.8793, 7.1631** is the 20% darker color. If you saturate the color by 10%, you get **37.2004, 27.7943, 14.0176**, and if you desaturate by 10%, it is **44.7805, 38.8658, 29.1489**.

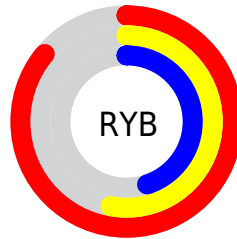
Distribution



Red (86%)

Green (52%)

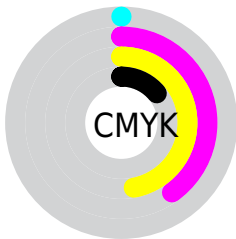
Blue (45%)



Red (86%)

Yellow (53%)

Blue (45%)

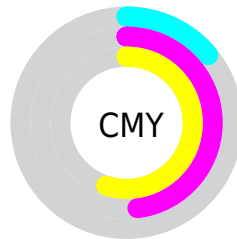


Cyan (0%)

Magenta (40%)

Yellow (47%)

Black (14%)



Cyan (14%)


Magenta (48%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.6171, 32.8236, 20.7178 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 40.6171, 32.8236, 20.7178 by changing the saturation by 10% instead.


 40.6171, 32.8236,
20.7178


 40.6171, 32.8236,
20.7178


339.8077,
314.8541, 268.5065

 28.2064, 21.9913,
12.7286


 75.3807, 64.1000,
45.4921

 18.6225, 13.8505,
7.1134


 98.4642, 85.3130,
63.1143

 11.5002, 8.0168,
3.4536


 125.8361,
110.7550, 84.7846

 6.4741, 4.1057,
1.3307

157.8617,
140.8104, 110.9215

 3.1788, 1.7329,
0.0867

194.9062,
175.8636, 141.9437

 1.2490, 0.4448,
0.0000

237.3352,

 0.1446, 0.0000,

216.2990, 178.2695

0.0000

285.5139,
262.5011, 220.3176

■ 0.0000, 0.0000,
0.0000

■ 40.6171, 32.8236,
20.7178

■ 40.6171, 32.8236,
20.7178

■ 37.2004, 27.7943,
14.0176

■ 44.7805, 38.8658,
29.1489

■ 34.4830, 23.7172,
8.9258

■ 49.7291, 45.9671,
39.4180

■ 32.4157, 20.5332,
5.3066


■ 55.5019, 54.1770,
51.6260


■ 30.9418, 18.1738,
3.0010


■ 62.1344, 63.5402,
65.8658

■ 29.9918, 16.5598,
1.8023

■ 69.6602, 74.0991,
82.2241

 29.7863, 16.2059,
1.5581

 78.1107, 85.8940,
100.7827

 83.0234, 93.8000,
108.3372

Harmonies

Analogous

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



42.9969, 32.8236, 32.7178



40.6171, 32.8236, 20.7178



35.7427, 32.8236, 14.5507

Triad

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



40.6171, 32.8236, 20.7178



22.4762, 32.8236, 24.6942



32.2967, 32.8236, 75.3256

Complementary

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



40.6171, 32.8236, 20.7178



41.3434, 51.5368, 74.7863

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.



27.0556, 32.8236, 71.2947



40.6171, 32.8236, 20.7178



21.7827, 32.8236, 38.9413

Square

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



40.6171, 32.8236, 20.7178



25.3805, 32.8236, 16.3273



23.3605, 32.8236, 56.6836



37.8424, 32.8236, 66.4777

Rectangle

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



40.6171, 32.8236, 20.7178



31.9685, 32.8236, 13.1801



23.3605, 32.8236, 56.6836



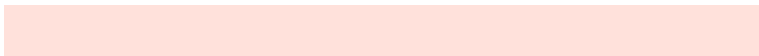
30.4397, 32.8236, 75.4583

Sweetspot

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



40.6179, 32.8253, 20.7184



80.9497, 80.1583, 78.4307



46.3040, 31.8891, 60.5589



16.9087, 16.5660, 15.8944



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.



40.6179, 32.8253, 20.7184



52.7549, 39.5925, 20.2493



49.2890, 50.1675, 23.6088



13.2186, 13.3766, 13.6108



17.7128, 9.7113, 0.9409



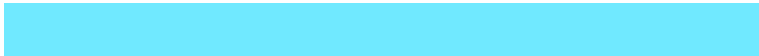
1.1996, 0.7334, 0.0783

Inverse Universe

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



41.3434, 51.5368, 74.7863



53.8427, 68.8481, 105.0590



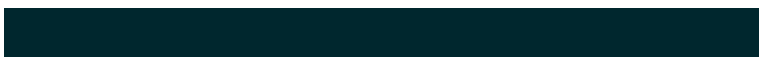
31.2252, 31.3004, 71.4135



13.2636, 14.4669, 16.7455



17.9308, 23.7309, 43.3739



1.2091, 1.6323, 2.8258

Previews

White Background



This preview shows how the XYZ color 40.6171, 32.8236, 20.7178 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 40.6171, 32.8236, 20.7178 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 40.6171, 32.8236, 20.7178

Background



This preview shows how black text looks on a background with the XYZ color 40.6171, 32.8236, 20.7178.



This preview shows how white text looks on a background with the XYZ color 40.6171, 32.8236,

20.7178.

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

40.6171, 32.8236, 20.7178

Protanopia

31.0692, 32.9743, 24.8058

Deuteranopia

33.4952, 32.8775, 20.2034



Tritanopia

42.2565, 32.9076, 28.1694

Trichromacy



Original Color

40.6171, 32.8236, 20.7178

Protanomaly

34.0165, 32.6118, 23.2407

Deuteranomaly

35.8857, 32.7301, 20.3458

Tritanomaly

41.5271, 32.7926, 25.2600

Monochromacy



Original Color

40.6171, 32.8236, 20.7178

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

33.8318, 32.3742, 29.6650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6171, 32.8236, 20.7178 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(219, 132, 116)` looks like.

```
.text, #text, p{  
    color:rgb(219, 132, 116)  
}
```

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(219, 132, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 132, 116) }
```

Border

The CSS property to change the border of an element to XYZ 40.6171, 32.8236, 20.7178 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(219, 132, 116) }
```


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

```
.border{ border-color:rgb(219, 132, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 132, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 132, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 132, 116);  
box-shadow:4px 4px 4px 4px rgb(219, 132,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6171, 32.8236, 20.7178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 132, 116) }
```

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

```
.background{ background-color: rgb(219,  
132, 116) }
```

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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