

Converting Colors

XYZ(40.2083, 32.7661, 43.8775)

Have a look what the booklet for
XYZ(40.2083, 32.7661, 43.8775)
contains.

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Color

**XYZ(40.0262, 32.6244,
43.7227)**

Conversions

Conversions Part 1

Format	Color
Hex	C887AD
RGB	200, 135, 173
RGB Percent	78%, 53%, 68%
CMY	0.2157, 0.4706, 0.3216
CMYK	0.00, 0.32, 0.13, 0.22
HSL	325°, 37%, 66%
HSV	325°, 32%, 78%
XYZ	40.0262, 32.6244, 43.7227
YIQ	158.7670, 26.5420, 25.5980

Conversions

Conversions Part 2

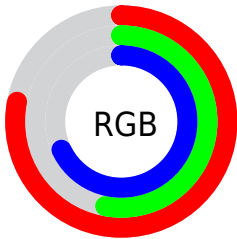
Format	Color
R_{YB}	200, 135, 173
Decimal	13141933
CIE Lab	63.86, 30.57, -9.87
CIE LCh	64, 32.125, 342.107
Yxy	32.6244, 0.3439, 0.2803
Android (android.graphics.Color)	4291332013 (0xFFC887AD)
YUV	158.7670, 7.0169, 36.1613
Hunter-Lab	57.1178, 25.1306, -5.4031

Details

The XYZ color **40.0262, 32.6244, 43.7227** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **37.1689, 49.0690, 41.6968**, and the grayscale version is **32.8096, 34.5182, 37.5903**.

A 20% lighter version of the original color is **73.4412, 63.2566, 81.7378**, and **18.2986, 13.7409, 19.7770** is the 20% darker color. If you saturate the color by 10%, you get **36.7145, 27.2474, 38.7750**, and if you desaturate by 10%, it is **43.9140, 39.0727, 49.1098**.

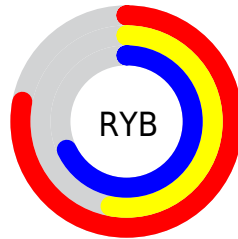
Distribution



Red (78%)

Green (53%)

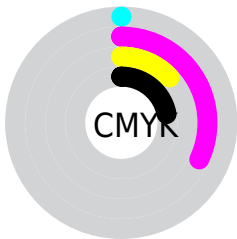
Blue (68%)



Red (78%)

Yellow (53%)

Blue (68%)

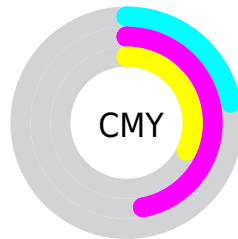


Cyan (0%)

Magenta (32%)

Yellow (13%)

Black (22%)



Cyan (22%)


Magenta (47%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.0262, 32.6244, 43.7227 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 40.0262, 32.6244, 43.7227 by changing the saturation by 10% instead.

 40.0262, 32.6244,
43.7227


 40.0262, 32.6244,
43.7227

337.3665,
313.9539, 377.5837


 27.7433, 21.8389,
30.1170


 74.4875, 63.7887,
82.0983

 18.2717, 13.7385,
19.6746


 97.3966, 84.9362,
107.7053

 11.2461, 7.9390,
11.9770


 124.5784,
110.3065, 138.1498

 6.3011, 4.0560,
6.6057

156.3984,
140.2841, 173.8503

 3.0714, 1.7049,
3.1421

193.2218,
175.2531, 215.2254

 1.1916, 0.4268,
1.1676

235.4141,

 0.0998, 0.0000,

215.5982, 262.6937

0.0000

283.3405,
261.7037, 316.6736

■ 0.0000, 0.0000,
0.0000

■ 40.0262, 32.6244,
43.7227

■ 40.0262, 32.6244,
43.7227

■ 36.7145, 27.2474,
38.7750

■ 43.9140, 39.0727,
49.1098

■ 33.9456, 22.8781,
34.2502

■ 48.4030, 46.6423,
54.9479

■ 31.6873, 19.4528,
30.1333


■ 53.5203, 55.3857,
61.2507


■ 29.9026, 16.8989,
26.4071

■ 59.2903, 65.3505,
68.0304


■ 28.5488, 15.1330,
23.0528


■ 65.7364, 76.5818,
75.2989


 27.5752, 14.0551,
20.0482

 72.8787, 89.1191,
83.0667

 27.0257, 13.5619,
17.9979

 74.0258, 89.5779,
89.1072

 75.2286, 90.0591,
95.4413

 76.4879, 90.5628,
102.0728

Harmonies

Analogous

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



37.2019, 32.6244, 57.3470



40.0262, 32.6244, 43.7227



40.2957, 32.6244, 30.5584

Triad

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



40.0262, 32.6244, 43.7227



29.2230, 32.6244, 16.3352



25.0030, 32.6244, 54.9391

Complementary

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



40.0262, 32.6244, 43.7227



37.1689, 49.0690, 41.6968

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.



23.2706, 32.6244, 40.9969



40.0262, 32.6244, 43.7227



25.5437, 32.6244, 20.0843

Square

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



40.0262, 32.6244, 43.7227



33.7532, 32.6244, 16.7253



23.4584, 32.6244, 28.4175



28.4168, 32.6244, 64.8274

Rectangle

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



40.0262, 32.6244, 43.7227



38.9595, 32.6244, 23.8779



23.4584, 32.6244, 28.4175



24.2204, 32.6244, 50.4448

Sweetspot

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



40.0272, 32.6259, 43.7234



85.7889, 84.1321, 97.6300



33.7886, 29.0768, 58.4756



18.1034, 17.5671, 20.5722



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.



40.0272, 32.6259, 43.7234



65.1508, 49.7253, 69.5735



37.3296, 31.5469, 29.5182



10.8895, 10.7392, 12.4015



17.2293, 8.6413, 11.6832



0.8513, 0.4234, 0.7400

Inverse Universe

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



40.0272, 32.6259, 43.7234



65.1508, 49.7253, 69.5735



40.3285, 50.3329, 58.3354



10.8895, 10.7392, 12.4015



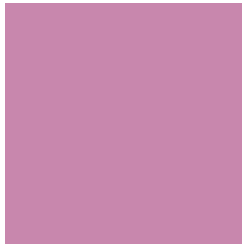
17.2293, 8.6413, 11.6832



0.8513, 0.4234, 0.7400

Previews

White Background



This preview shows how the XYZ color 40.0262, 32.6244, 43.7227 looks on a white background.

Color Contrast Check

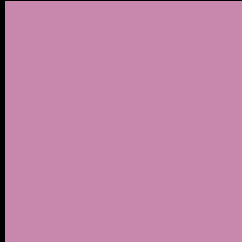
Large Text (above 18pt) WCAG AA × Fail

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 40.0262, 32.6244, 43.7227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

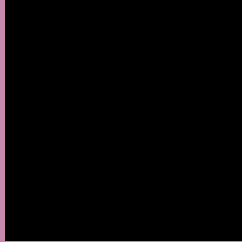
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.0262, 32.6244, 43.7227

Background



This preview shows how black text looks on a background with the XYZ color 40.0262, 32.6244, 43.7227.



This preview shows how white text looks on a background with the XYZ color 40.0262, 32.6244,

43.7227.

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

40.0262, 32.6244, 43.7227

Protanopia

32.5253, 32.9099, 50.5369

Deuteranopia

33.4266, 32.8220, 42.6037



Tritanopia

37.7636, 32.5376, 33.1442

Trichromacy



Original Color

40.0262, 32.6244, 43.7227

Protanomaly

34.7106, 32.4191, 48.1441

Deuteranomaly

35.3806, 32.4212, 42.9212

Tritanomaly

38.5487, 32.6513, 36.6184

Monochromacy



Original Color

40.0262, 32.6244, 43.7227

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

35.0627, 33.4917, 39.7385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0262, 32.6244, 43.7227 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(200, 135, 173)` looks like.

```
.text, #text, p{  
    color:rgb(200, 135, 173)  
}
```

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(200, 135, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 135, 173) }
```

Border

The CSS property to change the border of an element to XYZ 40.0262, 32.6244, 43.7227 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(200, 135, 173) }
```


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

```
.border{ border-color:rgb(200, 135, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 135, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 135, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 135, 173);  
box-shadow:4px 4px 4px 4px rgb(200, 135,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0262, 32.6244, 43.7227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 135, 173) }
```

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

```
.background{ background-color: rgb(200,  
135, 173) }
```

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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