

Converting Colors

XYZ(42.0036, 32.1736, 42.2458)

Have a look what the booklet for
XYZ(42.0036, 32.1736, 42.2458)
contains.

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Color

**XYZ(42.1262, 32.3377,
42.0517)**

Conversions

Conversions Part 1

Format	Color
Hex	D480AA
RGB	212, 128, 170
RGB Percent	83%, 50%, 67%
CMY	0.1686, 0.4980, 0.3333
CMYK	0.00, 0.40, 0.20, 0.17
HSL	330°, 49%, 67%
HSV	330°, 40%, 83%
XYZ	42.1262, 32.3377, 42.0517
YIQ	157.9040, 36.5820, 30.8700

Conversions

Conversions Part 2

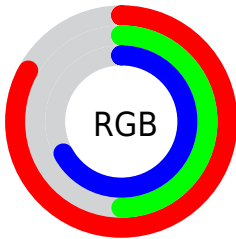
Format	Color
R _{YB}	212, 128, 170
Decimal	13926570
CIE Lab	63.62, 38.03, -8.37
CIE LCh	64, 38.935, 347.586
Yxy	32.3377, 0.3615, 0.2775
Android (android.graphics.Color)	4292116650 (0xFFD480AA)
YUV	157.9040, 5.9633, 47.4422
Hunter-Lab	56.8662, 32.7159, -4.0377

Details

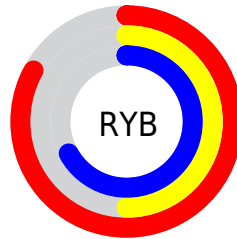
The XYZ color **42.1262, 32.3377, 42.0517** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **39.7027, 54.5792, 46.4751**, and the grayscale version is **32.4190, 34.1073, 37.1429**.

A 20% lighter version of the original color is **71.5586, 60.1521, 79.0731**, and **19.6342, 13.6837, 18.7459** is the 20% darker color. If you saturate the color by 10%, you get **38.6817, 26.9891, 36.1539**, and if you desaturate by 10%, it is **46.2311, 38.8770, 48.5693**.

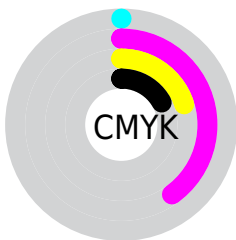
Distribution



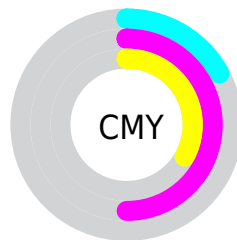
- Red (83%)
- Green (50%)
- Blue (67%)



- Red (83%)
- Yellow (50%)
- Blue (67%)



- Cyan (0%)
- Magenta (40%)
- Yellow (20%)
- Black (17%)





- Cyan (17%)
- Magenta (50%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.1262, 32.3377, 42.0517 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 42.1262, 32.3377, 42.0517 by changing the saturation by 10% instead.


 42.1262, 32.3377,
42.0517


 42.1262, 32.3377,
42.0517


345.9885,
312.6547, 370.5032


 29.3917, 21.6196,
28.8159


 77.6546, 63.3401,
79.5488

 19.5231, 13.5776,
18.6972

 101.1791, 84.3932,
104.6472

 12.1551, 7.8275,
11.2771


 129.0310,
109.6601, 134.5368

 6.9223, 3.9848,
6.1370

161.5756,
139.5251, 169.6363

 3.4595, 1.6650,
2.8584

199.1783,
174.3727, 210.3642

 1.4011, 0.4009,
1.0228

242.2045,

 0.2570, 0.0000,

214.5872, 257.1389

0.0000

291.0194,
260.5531, 310.3790

■ 0.0000, 0.0000,
0.0000

■ 42.1262, 32.3377,
42.0517

■ 42.1262, 32.3377,
42.0517

■ 38.6817, 26.9891,
36.1539

■ 46.2311, 38.8770,
48.5693

■ 35.8567, 22.7534,
30.8520

■ 51.0286, 46.6694,
55.7254

■ 33.6097, 19.5505,
26.1226


■ 56.5519, 55.7784,
63.5403


■ 31.8927, 17.2878,
21.9397


■ 62.8315, 66.2618,
72.0325

■ 30.6492, 15.8554,
18.2740


■ 69.8957, 78.1740,
81.2198


 29.7824, 15.0635,
15.0821

 77.7059, 91.4349,
91.0973

 29.7527, 15.0376,
14.9686

 79.2717, 92.0612,
99.3426

 80.9301, 92.7246,
108.0757

 80.9615, 92.7371,
108.2407

Harmonies

Analogous

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



39.1242, 32.3377, 59.5299



42.1262, 32.3377, 42.0517



41.8255, 32.3377, 26.9121

Triad

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



42.1262, 32.3377, 42.0517



27.6825, 32.3377, 13.6765



24.2063, 32.3377, 62.2839

Complementary

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



42.1262, 32.3377, 42.0517



39.7027, 54.5792, 46.4751

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.



21.8035, 32.3377, 45.0598



42.1262, 32.3377, 42.0517



23.6416, 32.3377, 18.6221

Square

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



42.1262, 32.3377, 42.0517



33.0402, 32.3377, 13.3075



21.6097, 32.3377, 29.1543



28.5415, 32.3377, 73.3222

Rectangle

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



42.1262, 32.3377, 42.0517



39.7934, 32.3377, 19.9155



21.6097, 32.3377, 29.1543



23.1692, 32.3377, 56.8276

Sweetspot

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



42.1271, 32.3392, 42.0523



83.6868, 81.0600, 93.4394



36.1818, 28.7397, 65.9279



17.6696, 16.9487, 19.6592



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.



42.1271, 32.3392, 42.0523



59.2877, 41.8116, 55.8650



38.7680, 30.9956, 24.3635



12.6796, 12.5233, 14.2531



18.4184, 9.3037, 9.5072



1.1527, 0.5779, 0.7935

Inverse Universe

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



42.1271, 32.3392, 42.0523



59.2877, 41.8116, 55.8650



44.3302, 56.4302, 70.8432



12.6796, 12.5233, 14.2531



18.4184, 9.3037, 9.5072



1.1527, 0.5779, 0.7935

Previews

White Background



This preview shows how the XYZ color 42.1262, 32.3377, 42.0517 looks on a white background.

Color Contrast Check

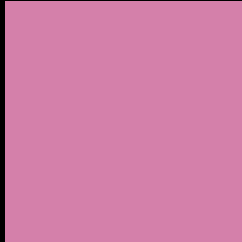
Large Text (above 18pt) WCAG AA × Fail

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 42.1262, 32.3377, 42.0517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

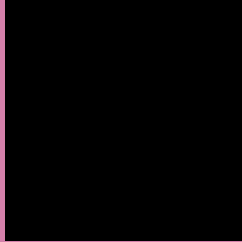
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.1262, 32.3377, 42.0517

Background



This preview shows how black text looks on a background with the XYZ color 42.1262, 32.3377, 42.0517.



This preview shows how white text looks on a background with the XYZ color 42.1262, 32.3377,

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

42.1262, 32.3377, 42.0517

Protanopia

32.2868, 32.5307, 51.0317

Deuteranopia

33.0991, 32.4584, 40.5970



Tritanopia

39.6399, 32.3135, 30.1345

Trichromacy



Original Color

42.1262, 32.3377, 42.0517

Protanomaly

35.0061, 31.8997, 47.4923

Deuteranomaly

35.7041, 31.9598, 40.8463

Tritanomaly

40.4444, 32.2341, 34.2272

Monochromacy



Original Color

42.1262, 32.3377, 42.0517

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

35.3154, 32.9410, 38.6794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1262, 32.3377, 42.0517 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(212, 128, 170)` looks like.

```
.text, #text, p{  
    color:rgb(212, 128, 170)  
}
```

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(212, 128, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 128, 170) }
```

Border

The CSS property to change the border of an element to XYZ 42.1262, 32.3377, 42.0517 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(212, 128, 170) }
```


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

```
.border{ border-color:rgb(212, 128, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 128, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 128, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 128, 170);  
box-shadow:4px 4px 4px 4px rgb(212, 128,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1262, 32.3377, 42.0517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 128, 170) }
```

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

```
.background{ background-color: rgb(212,  
128, 170) }
```

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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