

Converting Colors

XYZ(47.4924, 36.7899, 52.2294)

Have a look what the booklet for
XYZ(47.4924, 36.7899, 52.2294)
contains.

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Color

**XYZ(47.5380, 36.7378,
52.1625)**

Conversions

Conversions Part 1

Format	Color
Hex	DC89BC
RGB	220, 137, 188
RGB Percent	86%, 54%, 74%
CMY	0.1373, 0.4627, 0.2627
CMYK	0.00, 0.38, 0.15, 0.14
HSL	323°, 54%, 70%
HSV	323°, 38%, 86%
XYZ	47.5380, 36.7378, 52.1625
YIQ	167.6310, 33.0970, 33.4570

Conversions

Conversions Part 2

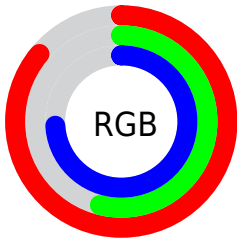
Format	Color
R _Y B	220, 137, 188
Decimal	14453180
CIE Lab	67.08, 38.79, -13.25
CIE LCh	67, 40.989, 341.137
Yxy	36.7378, 0.3484, 0.2693
Android (android.graphics.Color)	4292643260 (0xFFDC89BC)
YUV	167.6310, 10.0419, 45.9276
Hunter-Lab	60.6117, 33.9277, -8.5968

Details

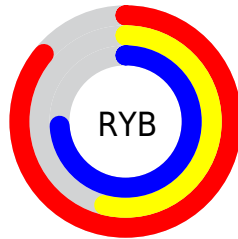
The XYZ color **47.5380, 36.7378, 52.1625** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **43.0728, 59.3705, 46.7283**, and the grayscale version is **36.9807, 38.9066, 42.3692**.

A 20% lighter version of the original color is **76.4188, 65.4909, 94.2013**, and **22.7259, 16.0328, 24.8185** is the 20% darker color. If you saturate the color by 10%, you get **43.8360, 30.7541, 46.5489**, and if you desaturate by 10%, it is **51.9335, 44.0215, 58.2732**.

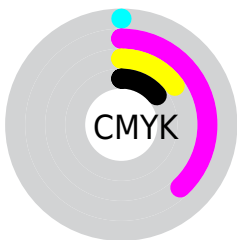
Distribution



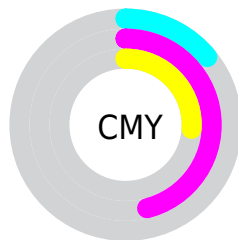
- Red (86%)
- Green (54%)
- Blue (74%)



- Red (86%)
- Yellow (54%)
- Blue (74%)



- Cyan (0%)
- Magenta (38%)
- Yellow (15%)
- Black (14%)





- Cyan (14%)
- Magenta (46%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5380, 36.7378, 52.1625 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 47.5380, 36.7378, 52.1625 by changing the saturation by 10% instead.


 47.5380, 36.7378,
52.1625

 47.5380, 36.7378,
52.1625

367.5711,
332.1739, 412.0384


 33.6709, 25.0045,
36.7515

 85.7300, 70.1693,
94.7999

 22.8026, 16.0804,
24.7209


 110.7856, 92.6364,
122.8633

 14.5677, 9.5811,
15.6521


 140.3014,
119.4502, 155.9813

 8.6009, 5.1221,
9.1266

174.6428,
150.9951, 194.5724

 4.5368, 2.3191,
4.7259

214.1751,
187.6556, 239.0551

 2.0101, 0.7838,
2.0315

259.2637,

 0.6396, 0.0000,

229.8159, 289.8480

0.5745

310.2739,
277.8606, 347.3696

■ 0.0000, 0.0000,
0.0000

■ 47.5380, 36.7378,
52.1625

■ 47.5380, 36.7378,
52.1625

■ 43.8360, 30.7541,
46.5489

■ 51.9335, 44.0215,
58.2732

■ 40.7844, 25.9870,
41.4124

■ 57.0558, 52.6719,
64.8954

■ 38.3400, 22.3513,
36.7344


■ 62.9400, 62.7572,
72.0455


■ 36.4527, 19.7483,
32.4934


■ 69.6178, 74.3395,
79.7382


■ 35.0639, 18.0624,
28.6649


■ 77.1191, 87.4773,
87.9876

 34.0928, 17.1336,
25.2170

 80.8401, 92.9616,
95.2631

 33.9011, 16.9700,
24.4756

 82.1224, 93.4746,
102.0159

 83.3255, 93.9558,
108.3513

Harmonies

Analogous

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



43.4150, 36.7378, 71.8382



47.5380, 36.7378, 52.1625



48.0535, 36.7378, 33.7283

Triad

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



47.5380, 36.7378, 52.1625



32.6530, 36.7378, 14.8827



26.6438, 36.7378, 67.1114

Complementary

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



47.5380, 36.7378, 52.1625



43.0728, 59.3705, 46.7283

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.



24.4253, 36.7378, 47.0073



47.5380, 36.7378, 52.1625



27.6092, 36.7378, 19.3119

Square

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



47.5380, 36.7378, 52.1625



38.9401, 36.7378, 15.5109



24.7563, 36.7378, 29.8943



31.1832, 36.7378, 82.0902

Rectangle

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



47.5380, 36.7378, 52.1625



46.2196, 36.7378, 24.7425



24.7563, 36.7378, 29.8943



25.6278, 36.7378, 60.5146

Sweetspot

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



47.5391, 36.7395, 52.1632



85.0526, 82.7137, 97.2178



38.1885, 31.4753, 71.7734



17.9612, 17.2862, 20.5142



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.



47.5391, 36.7395, 52.1632



62.3820, 44.7803, 66.8236



43.7039, 35.2054, 31.9675



13.3906, 13.1853, 15.3179



19.9520, 9.9819, 14.6593



1.3342, 0.6633, 1.1691

Inverse Universe

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



47.5391, 36.7395, 52.1632



62.3820, 44.7803, 66.8236



47.5834, 61.1748, 70.4808



13.3906, 13.1853, 15.3179



19.9520, 9.9819, 14.6593



1.3342, 0.6633, 1.1691

Previews

White Background



This preview shows how the XYZ color 47.5380, 36.7378, 52.1625 looks on a white background.

Color Contrast Check

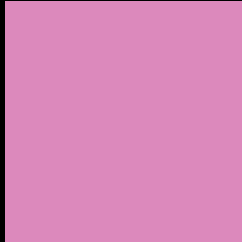
Large Text (above 18pt) WCAG AA × Fail

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 47.5380, 36.7378, 52.1625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

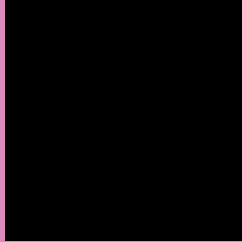
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5380, 36.7378, 52.1625

Background



This preview shows how black text looks on a background with the XYZ color 47.5380, 36.7378, 52.1625.



This preview shows how white text looks on a background with the XYZ color 47.5380, 36.7378,

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

47.5380, 36.7378, 52.1625

Protanopia

37.0766, 37.0207, 62.9492

Deuteranopia

37.6274, 36.8030, 50.4679



Tritanopia

43.9741, 36.5769, 35.3142

Trichromacy



Original Color

47.5380, 36.7378, 52.1625

Protanomaly

39.8315, 36.2531, 58.9310

Deuteranomaly

40.5626, 36.3274, 50.7729

Tritanomaly

45.0231, 36.5546, 40.7592

Monochromacy



Original Color

47.5380, 36.7378, 52.1625

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

40.2884, 37.7739, 45.7251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5380, 36.7378, 52.1625 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(220, 137, 188)` looks like.

```
.text, #text, p{  
    color:rgb(220, 137, 188)  
}
```

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(220, 137, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 137, 188) }
```

Border

The CSS property to change the border of an element to XYZ 47.5380, 36.7378, 52.1625 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(220, 137, 188) }
```


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

```
.border{ border-color:rgb(220, 137, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 137, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 137, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 137, 188); box-shadow:4px 4px 4px 4px rgb(220, 137, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5380, 36.7378, 52.1625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 137, 188) }
```

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

```
.background{ background-color: rgb(220,  
137, 188) }
```

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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