

Converting Colors

XYZ(43.9393, 32.7620, 47.7573)

Have a look what the booklet for
XYZ(43.9393, 32.7620, 47.7573)
contains.

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Color

**XYZ(43.8257, 32.7050,
47.7189)**

Conversions

Conversions Part 1

Format	Color
Hex	D77EB5
RGB	215, 126, 181
RGB Percent	84%, 49%, 71%
CMY	0.1569, 0.5059, 0.2902
CMYK	0.00, 0.41, 0.16, 0.16
HSL	323°, 53%, 67%
HSV	323°, 41%, 84%
XYZ	43.8257, 32.7050, 47.7189
YIQ	158.8810, 35.3890, 35.9730

Conversions

Conversions Part 2

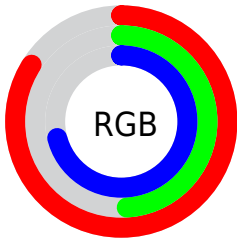
Format	Color
R _Y B	215, 126, 181
Decimal	14122677
CIE Lab	63.92, 41.79, -14.12
CIE LCh	64, 44.111, 341.329
Yxy	32.7050, 0.3527, 0.2632
Android (android.graphics.Color)	4292312757 (0xFFD77EB5)
YUV	158.8810, 10.9047, 49.2164
Hunter-Lab	57.1883, 36.7123, -9.4408

Details

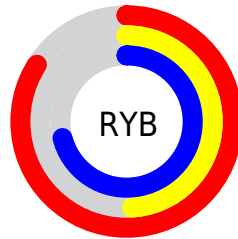
The XYZ color **43.8257, 32.7050, 47.7189** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **39.2513, 55.5756, 41.9186**, and the grayscale version is **32.8417, 34.5520, 37.6271**.

A 20% lighter version of the original color is **72.8473, 60.0169, 87.8657**, and **20.4456, 13.7252, 21.9937** is the 20% darker color. If you saturate the color by 10%, you get **40.5481, 27.4588, 42.5901**, and if you desaturate by 10%, it is **47.7457, 39.1557, 53.3077**.

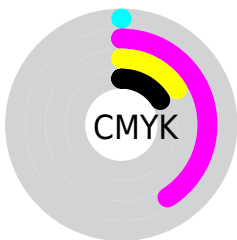
Distribution



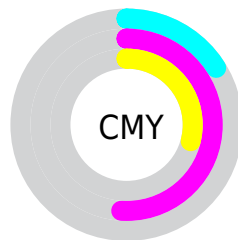
- Red (84%)
- Green (49%)
- Blue (71%)



- Red (84%)
- Yellow (49%)
- Blue (71%)



- Cyan (0%)
- Magenta (41%)
- Yellow (16%)
- Black (16%)





- Cyan (16%)
- Magenta (51%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8257, 32.7050, 47.7189 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 43.8257, 32.7050, 47.7189 by changing the saturation by 10% instead.


 43.8257, 32.7050,
47.7189


 43.8257, 32.7050,
47.7189

352.8608,
314.3183, 394.1534


 30.7308, 21.9006,
33.2459


 80.2034, 63.9147,
88.1469

 20.5448, 13.7838,
22.0422


 104.2169, 85.0887,
114.9390

 12.9022, 7.9705,
13.6893


 132.6006,
110.4881, 146.6746

 7.4378, 4.0761,
7.7686

165.7200,
140.4971, 183.7722

 3.7861, 1.7162,
3.8616

203.9404,
175.5003, 226.6503

 1.5819, 0.4341,
1.5497

247.6270,

 0.3805, 0.0000,

215.8819, 275.7275

0.2546

297.1454,
262.0265, 331.4224

■ 0.0000, 0.0000,
0.0000

■ 43.8257, 32.7050,
47.7189

■ 43.8257, 32.7050,
47.7189

■ 40.5481, 27.4588,
42.5901

■ 47.7457, 39.1557,
53.3077

■ 37.8709, 23.3356,
37.9020

■ 52.3408, 46.8761,
59.3706

■ 35.7516, 20.2514,
33.6367


■ 57.6449, 55.9324,
65.9230


■ 34.1403, 18.1078,
29.7730


■ 63.6888, 66.3848,
72.9791

■ 32.9777, 16.7878,
26.2865


■ 70.5012, 78.2896,
80.5524

 32.2486, 16.1368,
23.5551

 78.1075, 91.6964,
88.6550

 79.2905, 92.1696,
94.8848

 80.5287, 92.6648,
101.4049

 81.8227, 93.1824,
108.2190

Harmonies

Analogous

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



39.6564, 32.7050, 67.9593



43.8257, 32.7050, 47.7189



44.3252, 32.7050, 29.3059

Triad

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



43.8257, 32.7050, 47.7189



28.7979, 32.7050, 11.5018



22.9527, 32.7050, 63.3049

Complementary

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



43.8257, 32.7050, 47.7189



39.2513, 55.5756, 41.9186

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.



20.7851, 32.7050, 42.7594



43.8257, 32.7050, 47.7189



23.8474, 32.7050, 15.6080

Square

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



43.8257, 32.7050, 47.7189



35.0668, 32.7050, 12.0437



21.0892, 32.7050, 25.7455



27.4168, 32.7050, 78.8280

Rectangle

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



43.8257, 32.7050, 47.7189



42.4416, 32.7050, 20.6241



21.0892, 32.7050, 25.7455



21.9600, 32.7050, 56.5155

Sweetspot

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



43.8267, 32.7065, 47.7196



84.2277, 81.2764, 96.2879



33.9536, 27.1633, 67.7440



17.7969, 16.9996, 20.3299



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.



43.8267, 32.7065, 47.7196



60.0699, 41.0385, 63.3323



40.0643, 31.2016, 27.9069



12.7426, 12.5485, 14.5847



19.3416, 9.6729, 14.3686



1.2064, 0.5993, 1.0762

Inverse Universe

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



43.8267, 32.7065, 47.7196



60.0699, 41.0385, 63.3323



43.7012, 57.3555, 65.3516



12.7426, 12.5485, 14.5847



19.3416, 9.6729, 14.3686



1.2064, 0.5993, 1.0762

Previews

White Background



This preview shows how the XYZ color 43.8257, 32.7050, 47.7189 looks on a white background.

Color Contrast Check

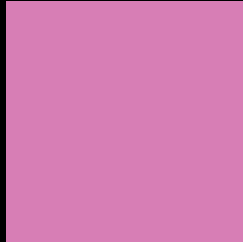
Large Text (above 18pt) WCAG AA × Fail

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 43.8257, 32.7050, 47.7189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

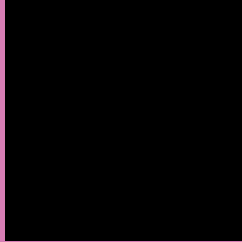
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8257, 32.7050, 47.7189

Background



This preview shows how black text looks on a background with the XYZ color 43.8257, 32.7050, 47.7189.



This preview shows how white text looks on a background with the XYZ color 43.8257, 32.7050,

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

43.8257, 32.7050, 47.7189

Protanopia

33.3086, 33.1210, 59.2810

Deuteranopia

33.4996, 32.7811, 46.1567



Tritanopia

40.2094, 32.6071, 30.1611

Trichromacy



Original Color

43.8257, 32.7050, 47.7189

Protanomaly

35.9611, 32.2318, 54.7781

Deuteranomaly

36.5313, 32.2637, 46.4216

Tritanomaly

41.2198, 32.3966, 35.9789

Monochromacy



Original Color

43.8257, 32.7050, 47.7189

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

35.9992, 33.2412, 41.0780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8257, 32.7050, 47.7189 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(215, 126, 181)` looks like.

```
.text, #text, p{  
    color:rgb(215, 126, 181)  
}
```

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(215, 126, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 126, 181) }
```

Border

The CSS property to change the border of an element to XYZ 43.8257, 32.7050, 47.7189 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(215, 126, 181) }
```


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

```
.border{ border-color:rgb(215, 126, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 126, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 126, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 126, 181);  
box-shadow:4px 4px 4px 4px rgb(215, 126,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8257, 32.7050, 47.7189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 126, 181) }
```

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

```
.background{ background-color: rgb(215,  
126, 181) }
```

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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