

Converting Colors

XYZ(43.6937, 32.7356, 60.5190)

Have a look what the booklet for
XYZ(43.6937, 32.7356, 60.5190)
contains.

XYZ(43.6755, 32.7293, 60.5153)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.6755, 32.7293,
60.5153)**

Conversions

Conversions Part 1

Format	Color
Hex	CD80CB
RGB	205, 128, 203
RGB Percent	80%, 50%, 80%
CMY	0.1961, 0.4980, 0.2039
CMYK	0.00, 0.38, 0.01, 0.20
HSL	302°, 44%, 65%
HSV	302°, 38%, 80%
XYZ	43.6755, 32.7293, 60.5153
YIQ	159.5730, 21.8170, 39.6490

Conversions

Conversions Part 2

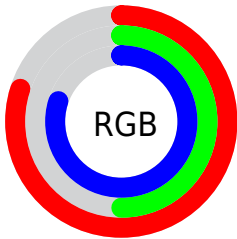
Format	Color
R_{YB}	205, 128, 203
Decimal	13467851
CIE _{Lab}	63.94, 41.26, -26.61
CIE _{LCh}	64, 49.097, 327.185
Yxy	32.7293, 0.3190, 0.2390
Android (android.graphics.Color)	4291657931 (0xFFCD80CB)
YUV	159.5730, 21.4095, 39.8395
Hunter-Lab	57.2095, 36.1557, -22.6693

Details

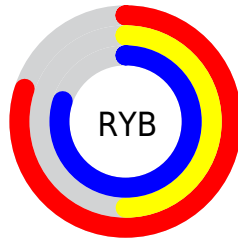
The XYZ color **43.6755, 32.7293, 60.5153** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **34.7641, 49.8647, 28.9136**, and the grayscale version is **33.1160, 34.8406, 37.9414**.

A 20% lighter version of the original color is **76.0179, 61.9359, 102.5560**, and **20.4037, 13.7284, 30.0082** is the 20% darker color. If you saturate the color by 10%, you get **41.2038, 27.8867, 59.3791**, and if you desaturate by 10%, it is **46.6897, 38.6552, 61.8341**.

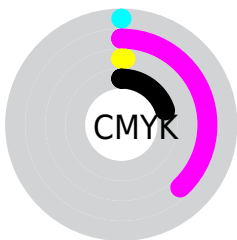
Distribution



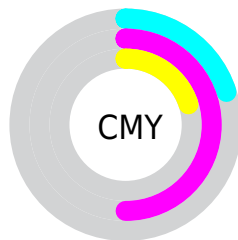
- Red (80%)
- Green (50%)
- Blue (80%)



- Red (80%)
- Yellow (50%)
- Blue (80%)



- Cyan (0%)
- Magenta (38%)
- Yellow (1%)
- Black (20%)



- Cyan (20%)
- Magenta (50%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6755, 32.7293, 60.5153 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 43.6755, 32.7293, 60.5153 by changing the saturation by 10% instead.


 43.6755, 32.7293,
60.5153

 43.6755, 32.7293,
60.5153

352.2570,
314.4282, 444.3518


 30.6123, 21.9192,
43.4061


 79.9786, 63.9527,
107.1275

 20.4542, 13.7975,
29.8701

 103.9492, 85.1347,
137.4676

 12.8358, 7.9800,
19.4888


 132.2863,
110.5428, 173.0550

 7.3918, 4.0821,
11.8436

165.3553,
140.5613, 214.3084

 3.7568, 1.7196,
6.5160

203.5215,
175.5748, 261.6462

 1.5655, 0.4363,
3.0875

247.1503,

 0.3698, 0.0000,

215.9674, 315.4870

1.1395

296.6070,
262.1238, 376.2494

■ 0.0000, 0.0000,
0.0000

■ 43.6755, 32.7293,
60.5153

■ 43.6755, 32.7293,
60.5153

■ 41.2038, 27.8867,
59.3791

■ 46.6897, 38.6552,
61.8341

■ 39.2388, 24.0577,
58.4125

■ 50.2731, 45.7199,
63.3434

■ 37.7451, 21.1710,
57.6041


■ 54.4547, 53.9807,
65.0532


■ 36.6817, 19.1446,
56.9401


■ 59.2604, 63.4893,
66.9720

■ 36.0005, 17.8823,
56.4047

■ 64.7147, 74.2946,
69.1082


 35.6340, 17.2490,
55.9753

 70.8406, 86.4430,
71.4693

 35.5645, 17.1343,
55.8772

 72.1666, 88.9911,
72.2315

 72.2317, 89.0171,
72.5745

 72.2971, 89.0433,
72.9187

Harmonies

Analogous

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



37.5875, 32.7293, 81.3810



43.6755, 32.7293, 60.5153



46.3695, 32.7293, 37.5397

Triad

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



43.6755, 32.7293, 60.5153



31.7658, 32.7293, 9.5276



20.7155, 32.7293, 56.0208

Complementary

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



43.6755, 32.7293, 60.5153



34.7641, 49.8647, 28.9136

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.



19.6272, 32.7293, 33.7990



43.6755, 32.7293, 60.5153



25.4199, 32.7293, 11.3609

Square

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



43.6755, 32.7293, 60.5153



38.8853, 32.7293, 12.2562



21.2175, 32.7293, 18.7261



24.4441, 32.7293, 78.1807

Rectangle

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



43.6755, 32.7293, 60.5153



45.6199, 32.7293, 25.5273



21.2175, 32.7293, 18.7261



20.0552, 32.7293, 48.1145

Sweetspot

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



43.6766, 32.7308, 60.5160



86.6283, 83.3440, 105.5150



27.8365, 24.5372, 61.0274



18.3386, 17.4371, 22.5015



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.



43.6766, 32.7308, 60.5160



68.2283, 47.1188, 97.6096



39.7086, 31.1435, 39.6207



11.6745, 11.3985, 14.0864



22.1457, 10.6689, 34.8156



1.1465, 0.5520, 1.8175

Inverse Universe

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



43.6766, 32.7308, 60.5160



68.2283, 47.1188, 97.6096



37.7824, 51.0720, 44.8081



11.6745, 11.3985, 14.0864



22.1457, 10.6689, 34.8156



1.1465, 0.5520, 1.8175

Previews

White Background



This preview shows how the XYZ color 43.6755, 32.7293, 60.5153 looks on a white background.

Color Contrast Check

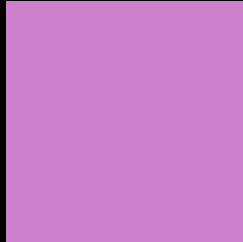
Large Text (above 18pt) WCAG AA × Fail

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 43.6755, 32.7293, 60.5153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

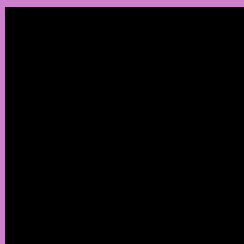
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6755, 32.7293, 60.5153

Background



This preview shows how black text looks on a background with the XYZ color 43.6755, 32.7293, 60.5153.



This preview shows how white text looks on a background with the XYZ color 43.6755, 32.7293,

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

43.6755, 32.7293, 60.5153

Protanopia

34.2489, 33.0429, 73.6801

Deuteranopia

33.6340, 32.8296, 57.9901



Tritanopia

38.0263, 32.6730, 33.1565

Trichromacy



Original Color

43.6755, 32.7293, 60.5153



Protanomaly

36.5371, 32.2237, 68.5841



Deuteranomaly

36.6100, 32.2501, 58.9389



Tritanomaly

39.9128, 32.6100, 41.7268

Monochromacy



Original Color

43.6755, 32.7293, 60.5153



Achromatopsia

33.4132, 35.1533, 38.2819



Achromatomaly

36.3309, 33.5445, 45.6342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6755, 32.7293, 60.5153 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(205, 128, 203)` looks like.

```
.text, #text, p{  
    color:rgb(205, 128, 203)  
}
```

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(205, 128, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 128, 203) }
```

Border

The CSS property to change the border of an element to XYZ 43.6755, 32.7293, 60.5153 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(205, 128, 203) }
```


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

```
.border{ border-color:rgb(205, 128, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 128, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 128, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 128, 203);  
box-shadow:4px 4px 4px 4px rgb(205, 128,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6755, 32.7293, 60.5153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 128, 203) }
```

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

```
.background{ background-color: rgb(205,  
128, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor