

Converting Colors

XYZ(45.6409, 32.2799, 62.2757)

Have a look what the booklet for
XYZ(45.6409, 32.2799, 62.2757)
contains.

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Color

**XYZ(45.5886, 32.1853,
62.2021)**

Conversions

Conversions Part 1

Format	Color
Hex	D678CE
RGB	214, 120, 206
RGB Percent	84%, 47%, 81%
CMY	0.1608, 0.5294, 0.1922
CMYK	0.00, 0.44, 0.04, 0.16
HSL	305°, 53%, 65%
HSV	305°, 44%, 84%
XYZ	45.5886, 32.1853, 62.2021
YIQ	157.9100, 28.4180, 46.6740

Conversions

Conversions Part 2

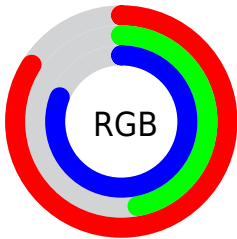
Format	Color
RYB	214, 120, 206
Decimal	14055630
CIELab	63.50, 48.74, -28.89
CIElCh	63, 56.654, 329.342
Yxy	32.1853, 0.3257, 0.2299
Android (android.graphics.Color)	4292245710 (0xFFD678CE)
YUV	157.9100, 23.7084, 49.1909
Hunter-Lab	56.7321, 44.1573, -25.2942

Details

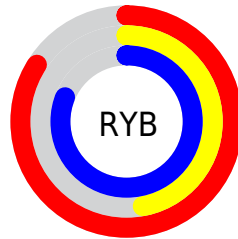
The XYZ color **45.5886, 32.1853, 62.2021** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **35.6900, 53.6459, 28.8977**, and the grayscale version is **32.3466, 34.0311, 37.0599**.

A 20% lighter version of the original color is **74.6200, 59.1399, 102.0900**, and **21.4977, 13.4168, 30.7348** is the 20% darker color. If you saturate the color by 10%, you get **43.0770, 27.5136, 60.2797**, and if you desaturate by 10%, it is **48.6799, 38.0111, 64.3310**.

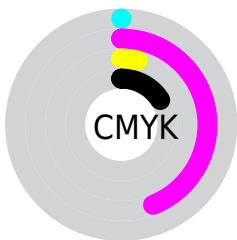
Distribution



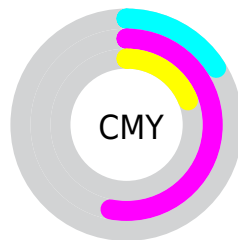
- Red (84%)
- Green (47%)
- Blue (81%)



- Red (84%)
- Yellow (47%)
- Blue (81%)



- Cyan (0%)
- Magenta (44%)
- Yellow (4%)
- Black (16%)





- Cyan (16%)
- Magenta (53%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.5886, 32.1853, 62.2021 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 45.5886, 32.1853, 62.2021 by changing the saturation by 10% instead.


 45.5886, 32.1853,
62.2021


 45.5886, 32.1853,
62.2021

359.8959,
311.9625, 450.6959


 32.1245, 21.5031,
44.7592


 82.8346, 63.1015,
109.5920

 21.6127, 13.4922,
30.9262


 107.3473, 84.1042,
140.3761

 13.6876, 7.7684,
20.2847


 136.2735,
109.3159, 176.4442

 7.9839, 3.9471,
12.4160

169.9787,
139.1209, 218.2151

 4.1364, 1.6440,
6.9017

208.8282,
173.9037, 266.1071

 1.7796, 0.3870,
3.3232

253.1873,

 0.5053, 0.0000,

214.0486, 320.5389

1.2619

303.4214,
259.9401, 381.9290

■ 0.0000, 0.0000,
0.0303

■ 0.0000, 0.0000,
0.0000

■ 45.5886, 32.1853,
62.2021

■ 45.5886, 32.1853,
62.2021

■ 43.0770, 27.5136,
60.2797

■ 48.6799, 38.0111,
64.3310

■ 41.1032, 23.9140,
58.5489


■ 52.3831, 45.0570,
66.6762


■ 39.6248, 21.3010,
56.9958


■ 56.7314, 53.3892,
69.2493


■ 38.5913, 19.5739,
55.6035


■ 61.7551, 63.0679,
72.0602


 37.9417, 18.6106,
54.3516


 67.4822, 74.1495,
75.1184

 37.6714, 18.2721,
53.6385

 73.9395, 86.6870,
78.4329

 76.2454, 90.9177,
80.3765

 76.4862, 91.0140,
81.6447

 76.7296, 91.1114,
82.9267

Harmonies

Analogous

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



38.6453, 32.1853, 88.2149



45.5886, 32.1853, 62.2021



48.4107, 32.1853, 35.5458

Triad

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



45.5886, 32.1853, 62.2021



30.7658, 32.1853, 7.0765



19.1788, 32.1853, 60.9435

Complementary

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



45.5886, 32.1853, 62.2021



35.6900, 53.6459, 28.8977

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.



17.7886, 32.1853, 34.5476



45.5886, 32.1853, 62.2021



23.7418, 32.1853, 9.1728

Square

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



45.5886, 32.1853, 62.2021



38.9991, 32.1853, 9.3786



19.3067, 32.1853, 17.2276



23.4878, 32.1853, 87.2946

Rectangle

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



45.5886, 32.1853, 62.2021



47.2583, 32.1853, 22.5318



19.3067, 32.1853, 17.2276



18.3912, 32.1853, 51.4978

Sweetspot

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



45.5897, 32.1868, 62.2028



84.9204, 80.4625, 103.2988



27.7326, 22.8659, 66.5711



17.8458, 16.5870, 21.9198



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.



45.5897, 32.1868, 62.2028



64.1912, 41.1580, 89.7487



40.7218, 30.2396, 36.5689



12.9053, 12.6136, 15.4416



22.7888, 11.0518, 32.5215



1.3882, 0.6721, 2.0339

Inverse Universe

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



45.5897, 32.1868, 62.2028



64.1912, 41.1580, 89.7487



39.5151, 55.1759, 49.0405



12.9053, 12.6136, 15.4416



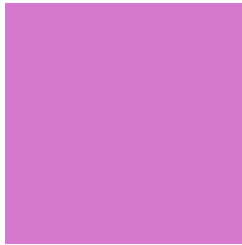
22.7888, 11.0518, 32.5215



1.3882, 0.6721, 2.0339

Previews

White Background



This preview shows how the XYZ color 45.5886, 32.1853, 62.2021 looks on a white background.

Color Contrast Check

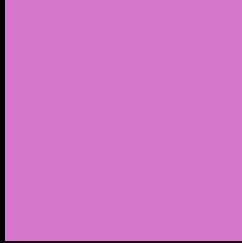
Large Text (above 18pt) WCAG AA × Fail

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 45.5886, 32.1853, 62.2021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

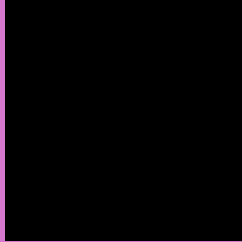
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.5886, 32.1853, 62.2021

Background



This preview shows how black text looks on a background with the XYZ color 45.5886, 32.1853, 62.2021.



This preview shows how white text looks on a background with the XYZ color 45.5886, 32.1853,

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

45.5886, 32.1853, 62.2021

Protanopia

34.4044, 32.7380, 80.1071

Deuteranopia

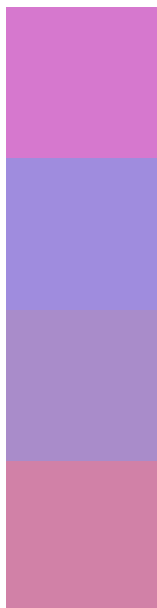
33.1552, 32.5559, 59.1800



Tritanopia

39.0127, 32.1856, 30.5418

Trichromacy



Original Color

45.5886, 32.1853, 62.2021

Protanomaly

36.8610, 31.4010, 73.2255

Deuteranomaly

36.4009, 31.4555, 60.0301

Tritanomaly

41.1198, 32.0458, 40.5774

Monochromacy



Original Color

45.5886, 32.1853, 62.2021

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

36.0712, 32.5066, 44.9307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5886, 32.1853, 62.2021 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(214, 120, 206)` looks like.

```
.text, #text, p{  
    color:rgb(214, 120, 206)  
}
```

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(214, 120, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 120, 206) }
```

Border

The CSS property to change the border of an element to XYZ 45.5886, 32.1853, 62.2021 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(214, 120, 206) }
```


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

```
.border{ border-color:rgb(214, 120, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 120, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 120, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 120, 206);  
box-shadow:4px 4px 4px 4px rgb(214, 120,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5886, 32.1853, 62.2021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 120, 206) }
```

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

```
.background{ background-color: rgb(214,  
120, 206) }
```

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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