

Converting Colors

XYZ(45.2642, 32.9093, 55.0054)

Have a look what the booklet for
XYZ(45.2642, 32.9093, 55.0054)
contains.

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Color

**XYZ(45.2642, 32.9093,
55.0054)**

Conversions

Conversions Part 1

Format	Color
Hex	D87CC2
RGB	216, 124, 194
RGB Percent	85%, 49%, 76%
CMY	0.1529, 0.5137, 0.2392
CMYK	0.00, 0.43, 0.10, 0.15
HSL	314°, 54%, 67%
HSV	314°, 43%, 85%
XYZ	45.2642, 32.9093, 55.0054
YIQ	159.4880, 32.3620, 41.2740

Conversions

Conversions Part 2

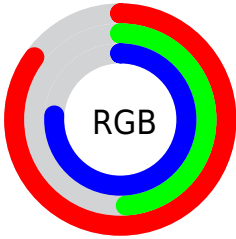
Format	Color
R _Y B	216, 124, 194
Decimal	14187714
CIE Lab	64.09, 45.25, -21.20
CIE LCh	64, 49.976, 334.894
Yxy	32.9093, 0.3399, 0.2471
Android (android.graphics.Color)	4292377794 (0xFFD87CC2)
YUV	159.4880, 17.0144, 49.5610
Hunter-Lab	57.3666, 40.4509, -16.6930

Details

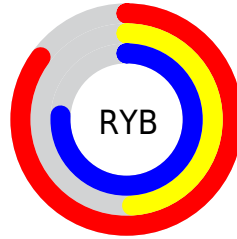
The XYZ color **45.2642, 32.9093, 55.0054** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **38.0578, 55.4733, 35.8980**, and the grayscale version is **33.0932, 34.8166, 37.9152**.

A 20% lighter version of the original color is **74.7727, 60.4652, 98.9968**, and **21.3491, 13.8991, 26.3685** is the 20% darker color. If you saturate the color by 10%, you get **42.2779, 27.8487, 51.1974**, and if you desaturate by 10%, it is **48.8655, 39.1667, 59.1186**.

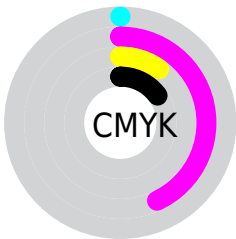
Distribution



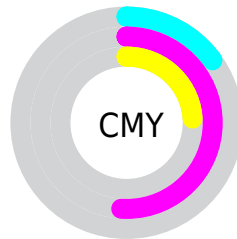
- Red (85%)
- Green (49%)
- Blue (76%)



- Red (85%)
- Yellow (49%)
- Blue (76%)



- Cyan (0%)
- Magenta (43%)
- Yellow (10%)
- Black (15%)





- Cyan (15%)
- Magenta (51%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.2642, 32.9093, 55.0054 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 45.2642, 32.9093, 55.0054 by changing the saturation by 10% instead.


 45.2642, 32.9093,
55.0054

 45.2642, 32.9093,
55.0054

358.6082,
315.2408, 423.2149


 31.8677, 22.0570,
39.0074


 82.3514, 64.2339,
99.0201

 21.4156, 13.8988,
26.4576


 106.7728, 85.4750,
127.8739

 13.5423, 8.0503,
16.9375


 135.5999,
110.9477, 161.8500

 7.8826, 4.1271,
10.0284

169.1980,
141.0366, 201.3671

 4.0711, 1.7449,
5.3120

207.9326,
176.1259, 246.8435

 1.7424, 0.4525,
2.3695

252.1689,

 0.4826, 0.0000,

216.6001, 298.6980

0.7698

302.2723,
262.8437, 357.3489

■ 0.0000, 0.0000,
0.0000

■ 45.2642, 32.9093,
55.0054

■ 45.2642, 32.9093,
55.0054

■ 42.2779, 27.8487,
51.1974

■ 48.8655, 39.1667,
59.1186

■ 39.8643, 23.9019,
47.6785

■ 53.1146, 46.6875,
63.5478

■ 37.9803, 20.9828,
44.4336

■ 58.0454, 55.5389,
68.3058

■ 36.5754, 18.9904,
41.4449

■ 63.6886, 65.7819,
73.4036

■ 35.5886, 17.8034,
38.6910

■ 70.0731, 77.4739,
78.8519

■ 35.0513, 17.2919,
36.7760

■ 77.2259, 90.6688,
84.6605

■ 78.3846, 91.8412,
88.5763

■ 79.1217, 92.1361,
92.4577

■ 79.8804, 92.4396,
96.4533

Harmonies

Analogous

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



39.7123, 32.9093, 78.1554



45.2642, 32.9093, 55.0054



46.8613, 32.9093, 32.6148

Triad

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



45.2642, 32.9093, 55.0054



30.1346, 32.9093, 9.3664



21.4073, 32.9093, 63.0161

Complementary

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



45.2642, 32.9093, 55.0054



38.0578, 55.4733, 35.8980

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.



19.6022, 32.9093, 39.2555



45.2642, 32.9093, 55.0054



24.1336, 32.9093, 12.4567

Square

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



45.2642, 32.9093, 55.0054



37.4047, 32.9093, 10.8866



20.5198, 32.9093, 21.7300



25.8620, 32.9093, 83.8719

Rectangle

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



45.2642, 32.9093, 55.0054



45.2914, 32.9093, 21.8235



20.5198, 32.9093, 21.7300



20.5038, 32.9093, 54.8321

Sweetspot

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



45.2652, 32.9108, 55.0061



84.1211, 80.1428, 99.0897



31.3634, 25.4372, 68.2233



17.6467, 16.5074, 20.8710



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.



45.2652, 32.9108, 55.0061



62.0082, 41.2909, 75.1511



40.9155, 31.1709, 32.1007



12.8201, 12.5796, 14.9930



20.7907, 10.2526, 21.9995



1.2853, 0.6309, 1.4916

Inverse Universe

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



45.2652, 32.9108, 55.0061



62.0082, 41.2909, 75.1511



42.3248, 57.1800, 58.3673



12.8201, 12.5796, 14.9930



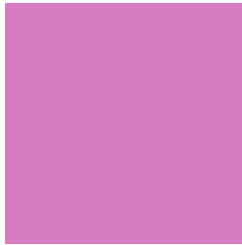
20.7907, 10.2526, 21.9995



1.2853, 0.6309, 1.4916

Previews

White Background



This preview shows how the XYZ color 45.2642, 32.9093, 55.0054 looks on a white background.

Color Contrast Check

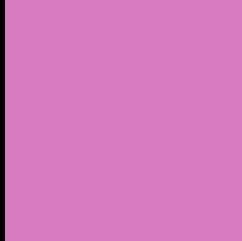
Large Text (above 18pt) WCAG AA × Fail

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 45.2642, 32.9093, 55.0054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

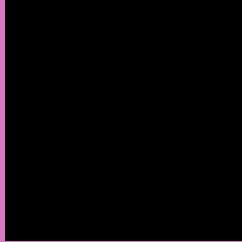
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.2642, 32.9093, 55.0054

Background



This preview shows how black text looks on a background with the XYZ color 45.2642, 32.9093, 55.0054.



This preview shows how white text looks on a background with the XYZ color 45.2642, 32.9093,

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

45.2642, 32.9093, 55.0054

Protanopia

34.2668, 33.3874, 69.6041

Deuteranopia

33.7400, 33.0006, 52.7356



Tritanopia

40.1375, 32.7654, 30.5944

Trichromacy



Original Color

45.2642, 32.9093, 55.0054

Protanomaly

36.9335, 32.3060, 63.9636

Deuteranomaly

37.2084, 32.4547, 53.5935

Tritanomaly

41.6556, 32.5709, 38.2738

Monochromacy



Original Color

45.2642, 32.9093, 55.0054

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

36.5477, 33.2396, 43.5193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.2642, 32.9093, 55.0054 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(216, 124, 194)` looks like.

```
.text, #text, p{  
    color:rgb(216, 124, 194)  
}
```

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(216, 124, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 124, 194) }
```

Border

The CSS property to change the border of an element to XYZ 45.2642, 32.9093, 55.0054 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(216, 124, 194) }
```


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

```
.border{ border-color:rgb(216, 124, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 124, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 124, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 124, 194);  
box-shadow:4px 4px 4px 4px rgb(216, 124,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 45.2642, 32.9093, 55.0054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 124, 194) }
```

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

```
.background{ background-color: rgb(216,  
124, 194) }
```

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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