

Converting Colors

XYZ(43.3777, 32.2278, 54.5507)

Have a look what the booklet for
XYZ(43.3777, 32.2278, 54.5507)
contains.

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Color

**XYZ(43.3810, 32.3273,
54.4054)**

Conversions

Conversions Part 1

Format	Color
Hex	D17EC1
RGB	209, 126, 193
RGB Percent	82%, 49%, 76%
CMY	0.1804, 0.5059, 0.2431
CMYK	0.00, 0.40, 0.08, 0.18
HSL	312°, 47%, 66%
HSV	312°, 40%, 82%
XYZ	43.3810, 32.3273, 54.4054
YIQ	158.4550, 27.9610, 38.4330

Conversions

Conversions Part 2

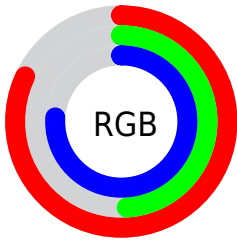
Format	Color
R_{YB}	209, 126, 193
Decimal	13729473
CIE _{Lab}	63.61, 41.81, -21.44
CIE _{LCh}	64, 46.988, 332.849
Yxy	32.3273, 0.3334, 0.2485
Android (android.graphics.Color)	4291919553 (0xFFD17EC1)
YUV	158.4550, 17.0307, 44.3280
Hunter-Lab	56.8571, 36.6925, -16.9334

Details

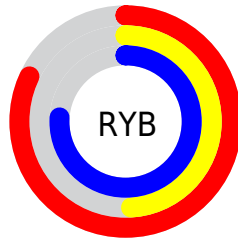
The XYZ color **43.3810, 32.3273, 54.4054** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **36.2886, 51.9906, 33.7159**, and the grayscale version is **32.6231, 34.3220, 37.3767**.

A 20% lighter version of the original color is **74.8166, 60.8046, 98.2357**, and **20.2458, 13.5339, 25.9713** is the 20% darker color. If you saturate the color by 10%, you get **40.5393, 27.3529, 51.2708**, and if you desaturate by 10%, it is **46.7953, 38.4260, 57.7919**.

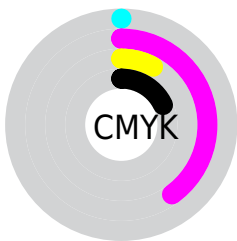
Distribution



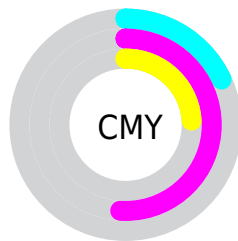
- Red (82%)
- Green (49%)
- Blue (76%)



- Red (82%)
- Yellow (49%)
- Blue (76%)



- Cyan (0%)
- Magenta (40%)
- Yellow (8%)
- Black (18%)





- Cyan (18%)
- Magenta (51%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3810, 32.3273, 54.4054 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 43.3810, 32.3273, 54.4054 by changing the saturation by 10% instead.


 43.3810, 32.3273,
54.4054

 43.3810, 32.3273,
54.4054

351.0713,
312.6075, 420.8723


 30.3800, 21.6116,
38.5305


 79.5376, 63.3238,
98.1316

 20.2767, 13.5718,
26.0897


 103.4239, 84.3735,
126.8200

 12.7058, 7.8235,
16.6644


 131.6694,
109.6366, 160.6166

 7.3018, 3.9822,
9.8361

164.6394,
139.4975, 199.9400

 3.6996, 1.6636,
5.1862

202.6992,
174.3407, 245.2088

 1.5336, 0.3999,
2.2963

246.2142,

 0.3485, 0.0000,

214.5505, 296.8414

0.7291

295.5498,
260.5113, 355.2564

0.0000, 0.0000,
0.0000

43.3810, 32.3273,
54.4054

43.3810, 32.3273,
54.4054

40.5393, 27.3529,
51.2708

46.7953, 38.4260,
57.7919

38.2319, 23.4283,
48.3740

50.8111, 45.7087,
61.4395

36.4208, 20.4770,
45.7021

55.4592, 54.2361,
65.3591

35.0614, 18.4099,
43.2398

60.7673, 64.0634,
69.5607

34.1011, 17.1220,
40.9690

66.7614, 75.2425,
74.0531

■ 33.4464, 16.4266,
38.8580

■ 73.4662, 87.8225,
78.8451

■ 33.4289, 16.4091,
38.7983

■ 75.1333, 90.3069,
82.0211

■ 75.6774, 90.5245,
84.8864

■ 76.2345, 90.7474,
87.8200

Harmonies

Analogous

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



38.0936, 32.3273, 75.1371



43.3810, 32.3273, 54.4054



45.1349, 32.3273, 33.4326

Triad

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



43.3810, 32.3273, 54.4054



30.1030, 32.3273, 10.0326



21.2956, 32.3273, 58.6726

Complementary

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



43.3810, 32.3273, 54.4054



36.2886, 51.9906, 33.7159

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.



19.7654, 32.3273, 37.0264



43.3810, 32.3273, 54.4054



24.3756, 32.3273, 12.7272

Square

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



43.3810, 32.3273, 54.4054



36.8533, 32.3273, 11.8369



20.8080, 32.3273, 21.1461



25.3188, 32.3273, 78.1555

Rectangle

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



43.3810, 32.3273, 54.4054



43.8869, 32.3273, 22.9457



20.8080, 32.3273, 21.1461



20.5007, 32.3273, 51.1837

Sweetspot

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



43.3820, 32.3288, 54.4061



85.1179, 81.6324, 100.9754



29.9924, 25.2086, 63.6073



18.0071, 17.0837, 21.4367



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.



43.3820, 32.3288, 54.4061



64.0537, 43.7181, 80.9626



39.4474, 30.7549, 33.6864



12.2090, 11.9683, 14.3764



20.6460, 10.1312, 24.1056



1.1801, 0.5768, 1.4832

Inverse Universe

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



43.3820, 32.3288, 54.4061



64.0537, 43.7181, 80.9626



39.9237, 53.4447, 52.8582



12.2090, 11.9683, 14.3764



20.6460, 10.1312, 24.1056



1.1801, 0.5768, 1.4832

Previews

White Background



This preview shows how the XYZ color 43.3810, 32.3273, 54.4054 looks on a white background.

Color Contrast Check

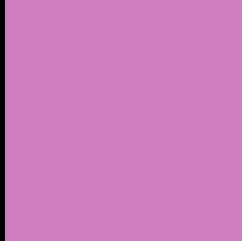
Large Text (above 18pt) WCAG AA × Fail

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 43.3810, 32.3273, 54.4054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

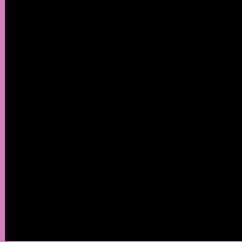
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3810, 32.3273, 54.4054

Background



This preview shows how black text looks on a background with the XYZ color 43.3810, 32.3273, 54.4054.



This preview shows how white text looks on a background with the XYZ color 43.3810, 32.3273,

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

43.3810, 32.3273, 54.4054

Protanopia

33.4284, 32.5283, 66.8041

Deuteranopia

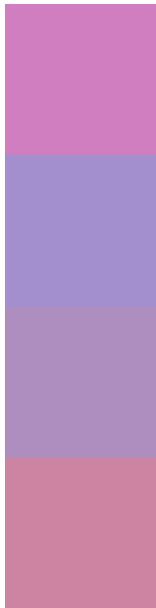
33.0926, 32.4395, 52.0942



Tritanopia

38.6211, 32.3802, 31.4086

Trichromacy



Original Color

43.3810, 32.3273, 54.4054

Protanomaly

35.9462, 31.8392, 62.0086

Deuteranomaly

36.2008, 31.9479, 52.9738

Tritanomaly

40.0390, 32.1260, 38.7410

Monochromacy



Original Color

43.3810, 32.3273, 54.4054

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

35.7610, 32.8452, 42.9830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3810, 32.3273, 54.4054 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(209, 126, 193)` looks like.

```
.text, #text, p{  
    color:rgb(209, 126, 193)  
}
```

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(209, 126, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 126, 193) }
```

Border

The CSS property to change the border of an element to XYZ 43.3810, 32.3273, 54.4054 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(209, 126, 193) }
```


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

```
.border{ border-color:rgb(209, 126, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 126, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 126, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 126, 193);  
box-shadow:4px 4px 4px 4px rgb(209, 126,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3810, 32.3273, 54.4054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 126, 193) }
```

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

```
.background{ background-color: rgb(209,  
126, 193) }
```

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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