

Converting Colors

XYZ(45.4532, 44.5302, 68.9472)

Have a look what the booklet for
XYZ(45.4532, 44.5302, 68.9472)
contains.

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Color

**XYZ(45.5064, 44.5412,
69.1497)**

Conversions

Conversions Part 1

Format	Color
Hex	B2AED5
RGB	178, 174, 213
RGB Percent	70%, 68%, 84%
CMY	0.3020, 0.3176, 0.1647
CMYK	0.16, 0.18, 0.00, 0.16
HSL	246°, 32%, 76%
HSV	246°, 18%, 84%
XYZ	45.5064, 44.5412, 69.1497
YIQ	179.6420, -10.1350, 12.9770

Conversions

Conversions Part 2

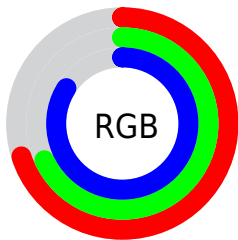
Format	Color
R _Y B	178, 174, 213
Decimal	11710165
CIE Lab	72.59, 9.31, -19.17
CIE LCh	73, 21.312, 295.891
Yxy	44.5412, 0.2858, 0.2798
Android (android.graphics.Color)	4289900245 (0xFFB2AED5)
YUV	179.6420, 16.4455, -1.4400
Hunter-Lab	66.7392, 4.9174, -14.7140

Details

The XYZ color **45.5064, 44.5412, 69.1497** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **57.7303, 64.2010, 49.3958**, and the grayscale version is **43.1104, 45.3555, 49.3921**.

A 20% lighter version of the original color is **80.0010, 80.7510, 105.9777**, and **21.5885, 20.7477, 35.2146** is the 20% darker color. If you saturate the color by 10%, you get **37.6286, 34.8491, 67.6948**, and if you desaturate by 10%, it is **54.6507, 55.8571, 70.8527**.

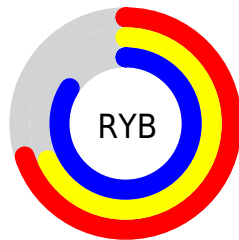
Distribution



Red (70%)

Green (68%)

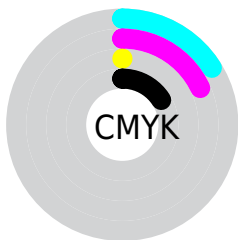
Blue (84%)



Red (70%)

Yellow (68%)

Blue (84%)

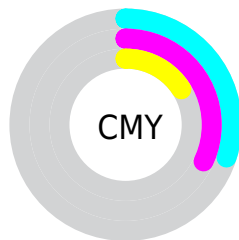


Cyan (16%)

Magenta (18%)

Yellow (0%)

Black (16%)



Cyan (30%)

Magenta (32%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.5064, 44.5412, 69.1497 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 45.5064, 44.5412, 69.1497 by changing the saturation by 10% instead.

■ 45.5064, 44.5412,
69.1497

■ 45.5064, 44.5412,
69.1497

359.5699,
364.9122, 476.2670

■ 32.0595, 31.0962,
50.3611

■ 82.7122, 82.0315,
119.6651

■ 21.5627, 20.6721,
35.3272

107.2018,
106.8456, 152.2290

■ 13.6507, 12.8845,
23.6295

136.1029,
136.2182, 190.2217

■ 7.9582, 7.3491,
14.8493

169.7810,
170.5336, 234.0618

■ 4.1198, 3.6814,
8.5683

208.6014,
210.1764, 284.1679

■ 1.7701, 1.4970,
4.3677

252.9295,

■ 0.4996, 0.2866,

255.5308, 340.9584

1.8292

303.1305,
306.9813, 404.8519

■ 0.0000, 0.0000,
0.4471

■ 0.0000, 0.0000,
0.0000

■ 45.5064, 44.5412,
69.1497

■ 45.5064, 44.5412,
69.1497

■ 37.6286, 34.8491,
67.6948

■ 54.6507, 55.8571,
70.8527

■ 30.9574, 26.7009,
66.4737

■ 65.1097, 68.8608,
72.8114

■ 25.4341, 20.0183,
65.4749

■ 76.9341, 83.6196,
75.0369

■ 20.9935, 14.7140,
64.6852

■ 88.8148, 97.4833,
77.0867

■ 17.5639, 10.6913,
64.0895

■ 89.0104, 97.5842,
77.0958

■ 15.0647, 7.8409,
63.6710

■ 13.4027, 6.0349,
63.4100

■ 12.4521, 5.0899,
63.2777

■ 12.3377, 4.9729,
63.2611

Harmonies

Analogous

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



41.8292, 44.5412, 71.6956



45.5064, 44.5412, 69.1497



48.4796, 44.5412, 60.7961

Triad

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



45.5064, 44.5412, 69.1497



46.4358, 44.5412, 33.5562



35.6510, 44.5412, 47.0576

Complementary

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



45.5064, 44.5412, 69.1497



57.7303, 64.2010, 49.3958

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.



36.7330, 44.5412, 37.9811



45.5064, 44.5412, 69.1497



42.8450, 44.5412, 30.9363

Square

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



45.5064, 44.5412, 69.1497



49.0377, 44.5412, 40.1623



39.3146, 44.5412, 32.4310



36.2729, 44.5412, 57.9135

Rectangle

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



45.5064, 44.5412, 69.1497



49.5886, 44.5412, 53.6168



39.3146, 44.5412, 32.4310



35.8258, 44.5412, 43.7154

Sweetspot

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



45.5078, 44.5430, 69.1507



87.0313, 90.0272, 107.3977



52.2922, 59.4540, 71.6712



18.3959, 18.9808, 22.9441



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.



45.5078, 44.5430, 69.1507



63.5312, 60.9505, 103.0239



50.2787, 47.0025, 69.3740



11.8596, 12.0690, 15.6420



7.5769, 3.0585, 38.6442



0.4981, 0.2057, 2.3328

Inverse Universe

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



54.0867, 49.0236, 66.9354



78.7781, 68.9159, 98.9760



52.5711, 61.5413, 49.1543



12.8956, 12.6097, 15.3905



22.5394, 10.9521, 31.2079



1.3756, 0.6670, 1.9675

Previews

White Background



This preview shows how the XYZ color 45.5064, 44.5412, 69.1497 looks on a white background.

Color Contrast Check

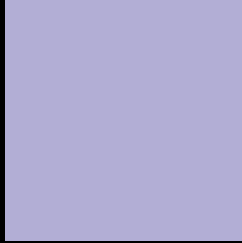
Large Text (above 18pt) WCAG AA × Fail

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 45.5064, 44.5412, 69.1497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

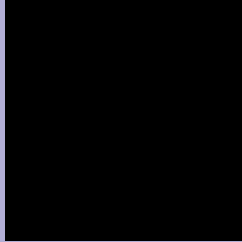
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.5064, 44.5412, 69.1497

Background



This preview shows how black text looks on a background with the XYZ color 45.5064, 44.5412, 69.1497.



This preview shows how white text looks on a background with the XYZ color 45.5064, 44.5412,

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

45.5064, 44.5412, 69.1497

Protanopia

44.3686, 44.5030, 70.5414

Deuteranopia

45.5064, 44.5412, 69.1497



Tritanopia

42.8904, 44.6452, 56.2260

Trichromacy



Original Color

45.5064, 44.5412, 69.1497

Protanomaly

44.7012, 44.3992, 69.8322

Deuteranomaly

45.5064, 44.5412, 69.1497

Tritanomaly

43.8267, 44.7284, 60.9671

Monochromacy



Original Color

45.5064, 44.5412, 69.1497

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

44.0252, 45.2303, 56.2791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5064, 44.5412, 69.1497 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(178, 174, 213)` looks like.

```
.text, #text, p{  
    color:rgb(178, 174, 213)  
}
```

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(178, 174, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 174, 213) }
```

Border

The CSS property to change the border of an element to XYZ 45.5064, 44.5412, 69.1497 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(178, 174, 213) }
```


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

```
.border{ border-color:rgb(178, 174, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 174, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 174, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 174, 213);  
box-shadow:4px 4px 4px 4px rgb(178, 174,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5064, 44.5412, 69.1497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 174, 213) }
```

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

```
.background{ background-color: rgb(178,  
174, 213) }
```

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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