

Converting Colors

XYZ(45.5305, 40.4473, 65.0663)

Have a look what the booklet for
XYZ(45.5305, 40.4473, 65.0663)
contains.

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Color

**XYZ(45.5215, 40.5568,
65.1035)**

Conversions

Conversions Part 1

Format	Color
Hex	C09FD0
RGB	192, 159, 208
RGB Percent	75%, 62%, 82%
CMY	0.2471, 0.3765, 0.1843
CMYK	0.08, 0.24, 0.00, 0.18
HSL	280°, 34%, 72%
HSV	280°, 24%, 82%
XYZ	45.5215, 40.5568, 65.1035
YIQ	174.4530, 3.9390, 22.2350

Conversions

Conversions Part 2

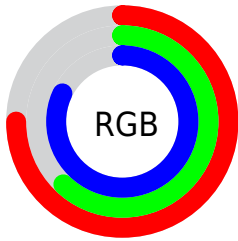
Format	Color
R_{YB}	192, 159, 208
Decimal	12623824
CIE _{Lab}	69.86, 21.09, -20.45
CIE _{LCh}	70, 29.378, 315.887
Yxy	40.5568, 0.3011, 0.2683
Android (android.graphics.Color)	4290813904 (0xFFC09FD0)
YUV	174.4530, 16.5387, 15.3887
Hunter-Lab	63.6842, 16.1445, -16.0324

Details

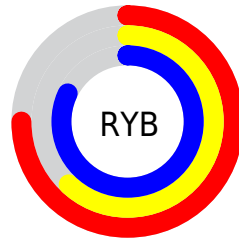
The XYZ color **45.5215, 40.5568, 65.1035** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.4945, 56.7300, 41.3023**, and the grayscale version is **40.3823, 42.4853, 46.2665**.

A 20% lighter version of the original color is **81.1635, 75.4529, 104.8938**, and **21.5717, 18.2518, 32.9578** is the 20% darker color. If you saturate the color by 10%, you get **40.5612, 33.1301, 63.9321**, and if you desaturate by 10%, it is **51.1655, 49.2316, 66.4811**.

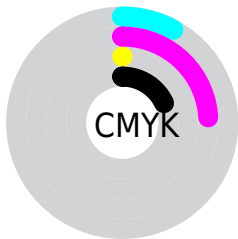
Distribution



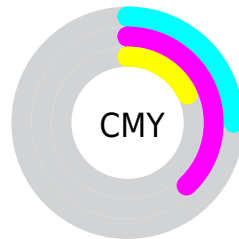
- Red (75%)
- Green (62%)
- Blue (82%)



- Red (75%)
- Yellow (62%)
- Blue (82%)



- Cyan (8%)
- Magenta (24%)
- Yellow (0%)
- Black (18%)



- Cyan (25%)
- Magenta (38%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.5215, 40.5568, 65.1035 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 45.5215, 40.5568, 65.1035 by changing the saturation by 10% instead.

■ 45.5215, 40.5568,
65.1035

■ 45.5215, 40.5568,
65.1035

359.6298,
348.4648, 461.4802

■ 32.0714, 27.9729,
47.0931

■ 82.7347, 76.0106,
113.8133

■ 21.5719, 18.3053,
32.7544

■ 107.2285, 99.6494,
145.3499

■ 13.6575, 11.1694,
21.6688

136.1343,
127.7420, 182.2323

■ 7.9629, 6.1809,
13.4178

169.8173,
160.6726, 224.8790

■ 4.1228, 2.9554,
7.5827

208.6431,
198.8259, 273.7086

■ 1.7719, 1.1085,
3.7452

252.9768,

■ 0.5006, 0.0000,

242.5861, 329.1397

1.4866

303.1840,
292.3376, 391.5907

■ 0.0000, 0.0000,
0.2079

■ 0.0000, 0.0000,
0.0000

■ 45.5215, 40.5568,
65.1035

■ 45.5215, 40.5568,
65.1035

■ 40.5612, 33.1301,
63.9321

■ 51.1655, 49.2316,
66.4811

■ 36.2498, 26.8855,
62.9540

■ 57.5186, 59.2058,
68.0714

■ 32.5546, 21.7588,
62.1592

■ 64.6091, 70.5342,
69.8843

■ 29.4386, 17.6775,
61.5356

■ 72.4629, 83.2667,
71.9280

■ 26.8603, 14.5601,
61.0698

■ 78.4974, 92.2367,
73.3413

■ 24.7719, 12.3130,
60.7461

■ 80.6693, 93.3564,
73.4430

■ 23.1160, 10.8229,
60.5458

■ 82.9265, 94.5200,
73.5486

■ 22.2140, 10.1365,
60.4609

■ 85.2701, 95.7282,
73.6583

■ 87.7007, 96.9812,
73.7720

Harmonies

Analogous

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



41.1159, 40.5568, 74.5785



45.5215, 40.5568, 65.1035



48.1536, 40.5568, 50.8851

Triad

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



45.5215, 40.5568, 65.1035



40.8300, 40.5568, 23.2552



30.3759, 40.5568, 51.7541

Complementary

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



45.5215, 40.5568, 65.1035



46.4945, 56.7300, 41.3023

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.



30.3132, 40.5568, 38.0542



45.5215, 40.5568, 65.1035



36.0894, 40.5568, 23.3929

Square

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



45.5215, 40.5568, 65.1035



45.2973, 40.5568, 27.8457



32.3258, 40.5568, 28.2711



32.5048, 40.5568, 65.8519

Rectangle

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



45.5215, 40.5568, 65.1035



48.4193, 40.5568, 41.5175



32.3258, 40.5568, 28.2711



30.1188, 40.5568, 46.9112

Sweetspot

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



45.5228, 40.5585, 65.1044



87.5056, 88.0465, 106.9904



41.0798, 42.7166, 65.7551



18.5964, 18.6357, 22.8669



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.



45.5228, 40.5585, 65.1044



68.2841, 58.4382, 102.2885



48.8176, 42.3702, 60.1477



11.9200, 11.8076, 14.8945



13.9502, 6.3719, 37.6871



0.8615, 0.3983, 2.1110

Inverse Universe

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



46.1498, 41.3031, 46.0993



69.5496, 59.8759, 66.8686



43.8458, 55.2799, 45.0010



11.9656, 11.8710, 13.0948



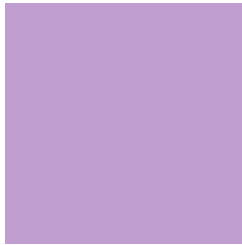
16.9010, 8.6332, 4.3846



0.9812, 0.4972, 0.4360

Previews

White Background



This preview shows how the XYZ color 45.5215, 40.5568, 65.1035 looks on a white background.

Color Contrast Check

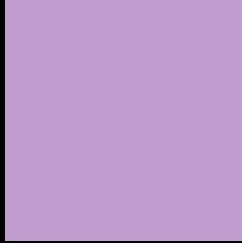
Large Text (above 18pt) WCAG AA × Fail

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 45.5215, 40.5568, 65.1035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

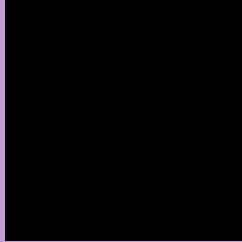
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.5215, 40.5568, 65.1035

Background



This preview shows how black text looks on a background with the XYZ color 45.5215, 40.5568, 65.1035.



This preview shows how white text looks on a background with the XYZ color 45.5215, 40.5568,

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

45.5215, 40.5568, 65.1035

Protanopia

40.9509, 40.7558, 69.9983

Deuteranopia

41.5369, 40.6397, 64.0475



Tritanopia

41.8845, 40.6494, 47.2335

Trichromacy



Original Color

45.5215, 40.5568, 65.1035

Protanomaly

42.3521, 40.4344, 67.8598

Deuteranomaly

42.8980, 40.5209, 64.5918

Tritanomaly

43.1606, 40.6440, 53.1472

Monochromacy



Original Color

45.5215, 40.5568, 65.1035

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

42.1069, 41.7449, 52.2927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5215, 40.5568, 65.1035 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(192, 159, 208)` looks like.

```
.text, #text, p{  
    color:rgb(192, 159, 208)  
}
```

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(192, 159, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 159, 208) }
```

Border

The CSS property to change the border of an element to XYZ 45.5215, 40.5568, 65.1035 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(192, 159, 208) }
```


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

```
.border{ border-color:rgb(192, 159, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 159, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 159, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 159, 208);  
box-shadow:4px 4px 4px 4px rgb(192, 159,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5215, 40.5568, 65.1035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 159, 208) }
```

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

```
.background{ background-color: rgb(192,  
159, 208) }
```

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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