

Converting Colors

XYZ(42.6337, 35.6184, 54.3754)

Have a look what the booklet for
XYZ(42.6337, 35.6184, 54.3754)
contains.

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Color

**XYZ(42.7764, 35.7581,
54.5166)**

Conversions

Conversions Part 1

Format	Color
Hex	C690C0
RGB	198, 144, 192
RGB Percent	78%, 56%, 75%
CMY	0.2235, 0.4353, 0.2471
CMYK	0.00, 0.27, 0.03, 0.22
HSL	307°, 32%, 67%
HSV	307°, 27%, 78%
XYZ	42.7764, 35.7581, 54.5166
YIQ	165.6180, 16.7760, 26.3760

Conversions

Conversions Part 2

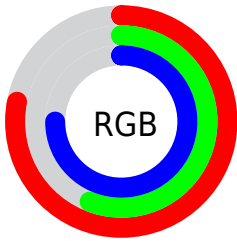
Format	Color
R _Y B	198, 144, 192
Decimal	13013184
CIE Lab	66.33, 28.28, -16.86
CIE LCh	66, 32.922, 329.202
Yxy	35.7581, 0.3215, 0.2688
Android (android.graphics.Color)	4291203264 (0xFFC690C0)
YUV	165.6180, 13.0063, 28.3990
Hunter-Lab	59.7981, 23.0429, -12.1947

Details

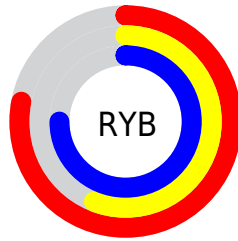
The XYZ color **42.7764, 35.7581, 54.5166** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **37.2022, 48.5206, 36.2609**, and the grayscale version is **35.9958, 37.8704, 41.2409**.

A 20% lighter version of the original color is **78.3774, 68.4255, 97.8834**, and **19.8295, 15.5033, 25.9921** is the 20% darker color. If you saturate the color by 10%, you get **39.7948, 30.1816, 52.3292**, and if you desaturate by 10%, it is **46.2898, 42.3911, 56.9000**.

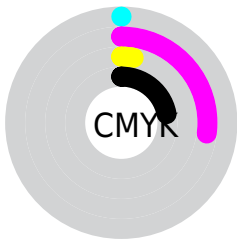
Distribution



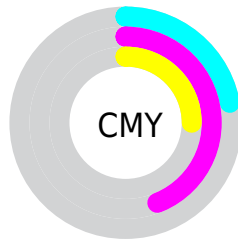
- Red (78%)
- Green (56%)
- Blue (75%)



- Red (78%)
- Yellow (56%)
- Blue (75%)



- Cyan (0%)
- Magenta (27%)
- Yellow (3%)
- Black (22%)




- Cyan (22%)
- Magenta (44%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.7764, 35.7581, 54.5166 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 42.7764, 35.7581, 54.5166 by changing the saturation by 10% instead.


 42.7764, 35.7581,
54.5166

 42.7764, 35.7581,
54.5166

348.6285,
327.9020, 421.3071

 29.9035, 24.2474,
38.6188


 78.6311, 68.6585,
98.2964

 19.9130, 15.5173,
26.1578


 102.3437, 90.8171,
127.0155

 12.4397, 9.1832,
16.7149


130.4001,
117.2937, 160.8454

 7.1182, 4.8609,
9.8716

163.1658,
148.4728, 200.2048

 3.5831, 2.1659,
5.2094

201.0062,
184.7388, 245.5121

 1.4691, 0.7013,
2.3098

244.2865,

 0.3047, 0.0000,

226.4761, 297.1859

0.7367

293.3722,
274.0690, 355.6447

■ 0.0000, 0.0000,
0.0000

■ 42.7764, 35.7581,
54.5166

■ 42.7764, 35.7581,
54.5166

■ 39.7948, 30.1816,
52.3292

■ 46.2898, 42.3911,
56.9000

■ 37.3142, 25.6018,
50.3263

■ 50.3571, 50.1268,
59.4857

■ 35.3057, 21.9605,
48.4987

■ 55.0033, 59.0144,
62.2826

■ 33.7361, 19.1913,
46.8351

■ 60.2509, 69.0987,
65.2981

■ 32.5680, 17.2192,
45.3229

■ 66.1209, 80.4222,
68.5393

■ 31.7574, 15.9565,
43.9476

■ 70.0929, 87.9435,
71.1663

■ 31.2435, 15.2816,
42.6887

■ 70.3608, 88.0506,
72.5770

■ 31.1253, 15.1405,
42.3554

■ 70.6324, 88.1593,
74.0074

■ 70.9078, 88.2695,
75.4577

Harmonies

Analogous

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



38.8138, 35.7581, 67.6906



42.7764, 35.7581, 54.5166



44.3492, 35.7581, 39.3130

Triad

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



42.7764, 35.7581, 54.5166



34.1189, 35.7581, 17.6439



26.3810, 35.7581, 53.7027

Complementary

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



42.7764, 35.7581, 54.5166



37.2022, 48.5206, 36.2609

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.



25.3794, 35.7581, 38.5584



42.7764, 35.7581, 54.5166



29.5779, 35.7581, 19.7524

Square

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



42.7764, 35.7581, 54.5166



39.0637, 35.7581, 19.9934



26.4925, 35.7581, 26.6464



29.3704, 35.7581, 67.1465

Rectangle

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



42.7764, 35.7581, 54.5166



43.7248, 35.7581, 30.6873



26.4925, 35.7581, 26.6464



25.8142, 35.7581, 48.5409

Sweetspot

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



42.7775, 35.7597, 54.5174



88.5211, 87.5227, 104.9337



32.6355, 30.4529, 57.5847



18.7006, 18.2635, 22.3064



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.



42.7775, 35.7597, 54.5174



72.3553, 56.9615, 94.0877



40.1096, 34.6925, 40.4682



11.0304, 10.7955, 13.1432



20.2611, 9.8540, 27.6483



0.9742, 0.4725, 1.3874

Inverse Universe

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



42.7775, 35.7597, 54.5174



72.3553, 56.9615, 94.0877



39.5731, 49.4690, 48.7462



11.0304, 10.7955, 13.1432



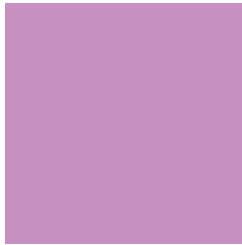
20.2611, 9.8540, 27.6483



0.9742, 0.4725, 1.3874

Previews

White Background



This preview shows how the XYZ color 42.7764, 35.7581, 54.5166 looks on a white background.

Color Contrast Check

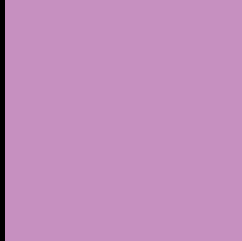
Large Text (above 18pt) WCAG AA × Fail

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 42.7764, 35.7581, 54.5166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

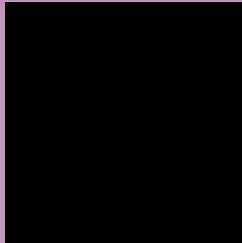
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.7764, 35.7581, 54.5166

Background



This preview shows how black text looks on a background with the XYZ color 42.7764, 35.7581, 54.5166.



This preview shows how white text looks on a background with the XYZ color 42.7764, 35.7581,

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

42.7764, 35.7581, 54.5166

Protanopia

36.1128, 36.0327, 61.5516

Deuteranopia

36.7220, 36.0204, 53.1613



Tritanopia

39.5875, 35.8552, 38.5525

Trichromacy



Original Color

42.7764, 35.7581, 54.5166

Protanomaly

38.0129, 35.5596, 58.8930

Deuteranomaly

38.5900, 35.7303, 53.5779

Tritanomaly

40.5420, 35.7605, 43.7954

Monochromacy



Original Color

42.7764, 35.7581, 54.5166

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

38.3248, 37.0138, 45.6819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7764, 35.7581, 54.5166 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(198, 144, 192)` looks like.

```
.text, #text, p{  
    color:rgb(198, 144, 192)  
}
```

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(198, 144, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 144, 192) }
```

Border

The CSS property to change the border of an element to XYZ 42.7764, 35.7581, 54.5166 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(198, 144, 192) }
```


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

```
.border{ border-color:rgb(198, 144, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 144, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 144, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 144, 192);  
box-shadow:4px 4px 4px 4px rgb(198, 144,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7764, 35.7581, 54.5166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 144, 192) }
```

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

```
.background{ background-color: rgb(198,  
144, 192) }
```

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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