

Converting Colors

XYZ(54.2352, 41.4560, 87.3479)

Have a look what the booklet for
XYZ(54.2352, 41.4560, 87.3479)
contains.

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Color

**XYZ(54.3260, 41.4480,
87.5750)**

Conversions

Conversions Part 1

Format	Color
Hex	D892F0
RGB	216, 146, 240
RGB Percent	85%, 57%, 94%
CMY	0.1529, 0.4274, 0.0588
CMYK	0.10, 0.39, 0.00, 0.06
HSL	285°, 76%, 76%
HSV	285°, 39%, 94%
XYZ	54.3260, 41.4480, 87.5750
YIQ	177.6460, 11.5460, 44.0740

Conversions

Conversions Part 2

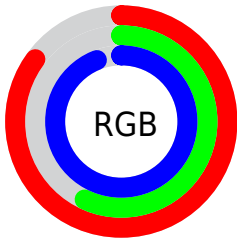
Format	Color
R _Y B	216, 146, 240
Decimal	14193392
CIE Lab	70.49, 42.15, -36.88
CIE LCh	70, 56.006, 318.818
Yxy	41.4480, 0.2963, 0.2261
Android (android.graphics.Color)	4292383472 (0xFFD892F0)
YUV	177.6460, 30.7405, 33.6365
Hunter-Lab	64.3801, 37.9588, -35.5849

Details

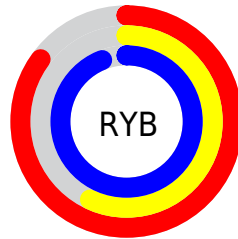
The XYZ color **54.3260, 41.4480, 87.5750** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **52.9272, 72.9425, 38.4858**, and the grayscale version is **41.9700, 44.1557, 48.0855**.

A 20% lighter version of the original color is **80.1766, 70.2533, 103.9422**, and **27.1516, 18.9397, 47.5721** is the 20% darker color. If you saturate the color by 10%, you get **49.2310, 33.8947, 86.3862**, and if you desaturate by 10%, it is **60.2678, 50.5926, 89.0276**.

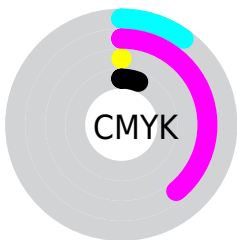
Distribution



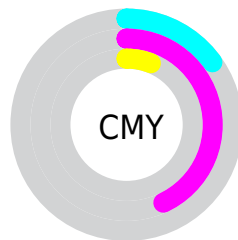
- Red (85%)
- Green (57%)
- Blue (94%)



- Red (85%)
- Yellow (57%)
- Blue (94%)



- Cyan (10%)
- Magenta (39%)
- Yellow (0%)
- Black (6%)





- Cyan (15%)
- Magenta (43%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3260, 41.4480, 87.5750 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 54.3260, 41.4480, 87.5750 by changing the saturation by 10% instead.


 54.3260, 41.4480,
87.5750


 54.3260, 41.4480,
87.5750


393.5300,
352.1896, 540.4756

 39.0941, 28.6693,
65.4088

 95.7068, 77.3635,
145.8713

 27.0140, 18.8308,
47.3392


 122.5864,
101.2691, 182.8384

 17.7204, 11.5481,
32.9476


154.0793,
129.6525, 225.5763

 10.8479, 6.4368,
21.8155

190.5508,
162.8980, 274.5034

 6.0312, 3.1124,
13.5244

232.3662,
201.3901, 330.0384

 2.9049, 1.1907,
7.6557

279.8910,

 1.1037, 0.0541,

245.5131, 392.5998

3.7908

333.4905,
295.6515, 462.6060

■ 0.0282, 0.0000,
1.5113

■ 0.0000, 0.0000,
0.2263

■ 54.3260, 41.4480,
87.5750

■ 54.3260, 41.4480,
87.5750

■ 49.2310, 33.8947,
86.3862

■ 60.2678, 50.5926,
89.0276

■ 44.9289, 27.8292,
85.4422

■ 67.0977, 61.4131,
90.7561

■ 41.3659, 23.1436,
84.7256

■ 74.8591, 73.9943,
92.7755

■ 38.4788, 19.7131,
84.2156

■ 83.5913, 88.4136,
95.0985

■ 36.1934, 17.3899,
83.8877

■ 89.7192, 97.5201,
96.5332

■ 34.3952, 15.9468,
83.7039

■ 91.9117, 98.6504,
96.6358

■ 34.2552, 15.8423,
83.6911

■ 92.7283, 99.0713,
96.6740

Harmonies

Analogous

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



45.4043, 41.4480, 112.4006



54.3260, 41.4480, 87.5750



59.5066, 41.4480, 55.7267

Triad

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



54.3260, 41.4480, 87.5750



42.9396, 41.4480, 11.3679



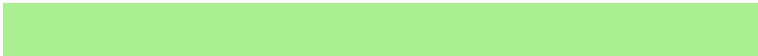
24.8654, 41.4480, 63.5995

Complementary

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



54.3260, 41.4480, 87.5750



52.9272, 72.9425, 38.4858

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.



24.4178, 41.4480, 35.9695



54.3260, 41.4480, 87.5750



33.9409, 41.4480, 12.0814

Square

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



54.3260, 41.4480, 87.5750



52.2808, 41.4480, 16.6578



27.4860, 41.4480, 19.2452



28.8224, 41.4480, 95.2379

Rectangle

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



54.3260, 41.4480, 87.5750



59.6742, 41.4480, 37.7749



27.4860, 41.4480, 19.2452



24.3255, 41.4480, 53.3823

Sweetspot

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



54.3274, 41.4498, 87.5759



83.2372, 80.5548, 105.7693



42.1593, 41.5551, 88.2376



17.5619, 16.8286, 22.5726



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.



54.3274, 41.4498, 87.5759



57.5997, 40.5012, 99.3894



58.8789, 44.1501, 71.7951



16.0373, 15.8165, 19.9292



18.8812, 8.7390, 45.8195



1.6620, 0.7741, 3.8160

Inverse Universe

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



53.4710, 41.9870, 43.3179



56.7849, 41.3738, 40.9491



50.0772, 71.2568, 48.1296



15.9384, 15.8251, 17.2318



20.1821, 10.3453, 3.6093



1.7180, 0.8762, 0.5056

Previews

White Background



This preview shows how the XYZ color 54.3260, 41.4480, 87.5750 looks on a white background.

Color Contrast Check

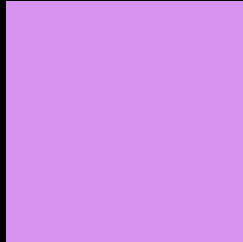
Large Text (above 18pt) WCAG AA × Fail

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 54.3260, 41.4480, 87.5750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

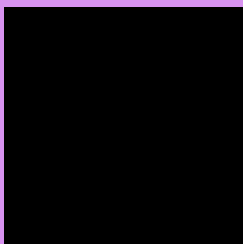
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3260, 41.4480, 87.5750

Background



This preview shows how black text looks on a background with the XYZ color 54.3260, 41.4480, 87.5750.



This preview shows how white text looks on a background with the XYZ color 54.3260, 41.4480,

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

54.3260, 41.4480, 87.5750

Protanopia

43.9263, 41.8987, 100.3798

Deuteranopia

42.6965, 41.6176, 84.3799



Tritanopia

45.5672, 41.2806, 45.1015

Trichromacy



Original Color

54.3260, 41.4480, 87.5750



Protanomaly

46.5778, 40.9379, 95.8894



Deuteranomaly

46.1624, 40.9513, 85.5921



Tritanomaly

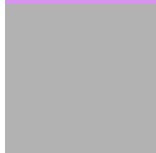
48.3777, 41.1755, 58.2212

Monochromacy



Original Color

54.3260, 41.4480, 87.5750



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

45.9171, 42.6960, 61.0794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3260, 41.4480, 87.5750 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, 146, 240)` looks like.

```
.text, #text, p{  
    color:rgb(216, 146, 240)  
}
```

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, 146, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 146, 240) }
```

Border

The CSS property to change the border of an element to XYZ 54.3260, 41.4480, 87.5750 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, 146, 240) }
```


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

```
.border{ border-color:rgb(216, 146, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 146, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 146, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 146, 240);  
box-shadow:4px 4px 4px 4px rgb(216, 146,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3260, 41.4480, 87.5750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 146, 240) }
```

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

```
.background{ background-color: rgb(216,  
146, 240) }
```

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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