

Converting Colors

XYZ(52.3487, 36.9152, 91.5550)

Have a look what the booklet for
XYZ(52.3487, 36.9152, 91.5550)
contains.

XYZ(52.3487, 36.9152, 91.5550)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.3487, 36.9152,
91.5550)**

Conversions

Conversions Part 1

Format	Color
Hex	D682F6
RGB	214, 130, 246
RGB Percent	84%, 51%, 96%
CMY	0.1608, 0.4902, 0.0353
CMYK	0.13, 0.47, 0.00, 0.04
HSL	283°, 87%, 74%
HSV	283°, 47%, 96%
XYZ	52.3487, 36.9152, 91.5550
YIQ	168.3400, 12.8280, 53.8840

Conversions

Conversions Part 2

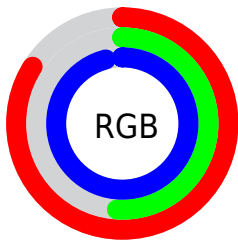
Format	Color
R _Y B	214, 130, 246
Decimal	14058230
CIE Lab	67.21, 51.17, -45.30
CIE LCh	67, 68.343, 318.483
Yxy	36.9152, 0.2895, 0.2042
Android (android.graphics.Color)	4292248310 (0xFFD682F6)
YUV	168.3400, 38.2864, 40.0438
Hunter-Lab	60.7579, 47.4685, -46.8126

Details

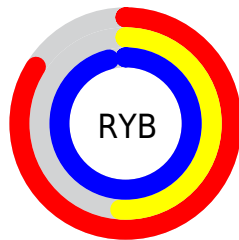
The XYZ color **52.3487, 36.9152, 91.5550** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **51.8864, 75.2054, 32.9020**, and the grayscale version is **37.2009, 39.1383, 42.6216**.

A 20% lighter version of the original color is **76.6390, 63.1779, 102.7630**, and **25.7438, 16.1500, 49.9045** is the 20% darker color. If you saturate the color by 10%, you get **47.5200, 30.1361, 90.5016**, and if you desaturate by 10%, it is **58.0446, 45.3040, 92.8746**.

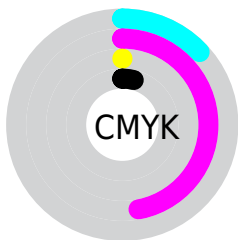
Distribution



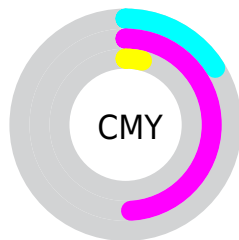
- Red (84%)
- Green (51%)
- Blue (96%)



- Red (84%)
- Yellow (51%)
- Blue (96%)



- Cyan (13%)
- Magenta (47%)
- Yellow (0%)
- Black (4%)





- Cyan (16%)
- Magenta (49%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3487, 36.9152, 91.5550 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 52.3487, 36.9152, 91.5550 by changing the saturation by 10% instead.

 52.3487, 36.9152,
91.5550


 52.3487, 36.9152,
91.5550

386.0832,
332.9432, 553.7764


 37.5085, 25.1418,
68.6901


 92.8165, 70.4423,
151.4508

 25.7769, 16.1828,
49.9892


 119.1748, 92.9649,
189.3188

 16.7886, 9.6536,
35.0337


 150.1031,
119.8394, 233.0250

 10.1783, 5.1699,
23.4051

185.9669,
151.4500, 282.9878

 5.5805, 2.3473,
14.6848

227.1314,
188.1814, 339.6258

 2.6299, 0.7986,
8.4543

273.9621,

 0.9612, 0.0000,

230.4178, 403.3575

4.2951

326.8242,
278.5436, 474.6016

■ 0.0000, 0.0000,
1.7886

■ 0.0000, 0.0000,
0.4204

■ 52.3487, 36.9152,
91.5550

■ 52.3487, 36.9152,
91.5550

■ 47.5200, 30.1361,
90.5016

■ 58.0446, 45.3040,
92.8746

■ 43.4970, 24.8483,
89.6930

■ 64.6558, 55.4005,
94.4750

■ 40.2155, 20.9243,
89.1085

■ 72.2313, 67.3002,
96.3726

■ 37.5993, 18.2125,
88.7230

■ 80.8152, 81.0901,
98.5819

■ 35.5497, 16.5178,
88.5039

■ 90.4490, 96.8515,
101.1164

■ 35.0268, 16.1353,
88.4576

■ 93.5313, 99.3806,
101.4421

■ 93.6347, 99.4339,
101.4469

Harmonies

Analogous

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



41.8370, 36.9152, 122.9899



52.3487, 36.9152, 91.5550



58.6370, 36.9152, 52.7880

Triad

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



52.3487, 36.9152, 91.5550



39.2455, 36.9152, 6.0943



19.2953, 36.9152, 61.2928

Complementary

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



52.3487, 36.9152, 91.5550



51.8864, 75.2054, 32.9020

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.



18.8750, 36.9152, 29.7822



52.3487, 36.9152, 91.5550



29.1047, 36.9152, 6.6226

Square

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



52.3487, 36.9152, 91.5550



50.1308, 36.9152, 10.7018



22.1100, 36.9152, 12.8770



23.4009, 36.9152, 100.3673

Rectangle

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



52.3487, 36.9152, 91.5550



58.8971, 36.9152, 32.3024



22.1100, 36.9152, 12.8770



18.7533, 36.9152, 49.2772

Sweetspot

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



52.3500, 36.9167, 91.5558



81.1691, 77.4795, 105.2847



38.9154, 37.5483, 92.3858



16.9578, 15.9201, 22.4291



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.



52.3500, 36.9167, 91.5558



51.5844, 32.7290, 98.2063



59.0231, 40.7728, 73.0736



16.7419, 16.5251, 20.8498



18.8382, 8.6858, 47.2217



1.7546, 0.8144, 4.1549

Inverse Universe

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



52.5113, 38.1681, 38.7833



52.2628, 34.5303, 32.6575



48.0905, 73.0293, 42.6321



16.6869, 16.5576, 18.0981



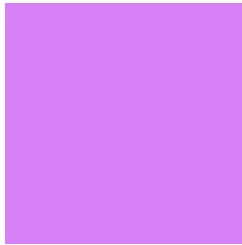
20.8915, 10.7000, 4.1369



1.8778, 0.9571, 0.5830

Previews

White Background



This preview shows how the XYZ color 52.3487, 36.9152, 91.5550 looks on a white background.

Color Contrast Check

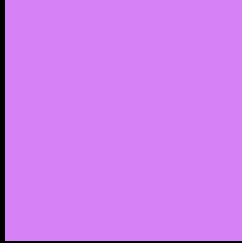
Large Text (above 18pt) WCAG AA × Fail

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 52.3487, 36.9152, 91.5550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

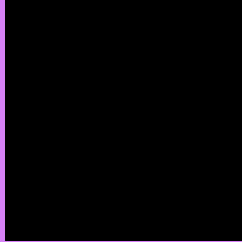
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3487, 36.9152, 91.5550

Background



This preview shows how black text looks on a background with the XYZ color 52.3487, 36.9152, 91.5550.



This preview shows how white text looks on a background with the XYZ color 52.3487, 36.9152,

91.5550.

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

52.3487, 36.9152, 91.5550

Protanopia

39.8481, 37.3769, 99.7220

Deuteranopia

38.3411, 37.3912, 87.6345



Tritanopia

41.4268, 36.8034, 38.6386

Trichromacy



Original Color

52.3487, 36.9152, 91.5550



Protanomaly

42.9742, 36.3146, 96.8399



Deuteranomaly

41.9939, 36.2254, 88.7833



Tritanomaly

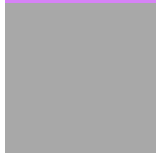
44.7905, 36.5725, 54.5677

Monochromacy



Original Color

52.3487, 36.9152, 91.5550



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

41.5270, 37.4110, 57.2569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3487, 36.9152, 91.5550 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(214, 130, 246)` looks like.

```
.text, #text, p{  
    color:rgb(214, 130, 246)  
}
```

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(214, 130, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 130, 246) }
```

Border

The CSS property to change the border of an element to XYZ 52.3487, 36.9152, 91.5550 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(214, 130, 246) }
```


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

```
.border{ border-color:rgb(214, 130, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 130, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 130, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 130, 246);  
box-shadow:4px 4px 4px 4px rgb(214, 130,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3487, 36.9152, 91.5550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 130, 246) }
```

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

```
.background{ background-color: rgb(214,  
130, 246) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor